

80300 To 80497
81300 To 81497

Illustrated Parts List

MODEL SERIES

80300 To 80497

TYPE NUMBERS

0010 to 0073
0110 to 0555
943000 to 943500
953000 to 953117

81300 To 81497

TYPE NUMBERS

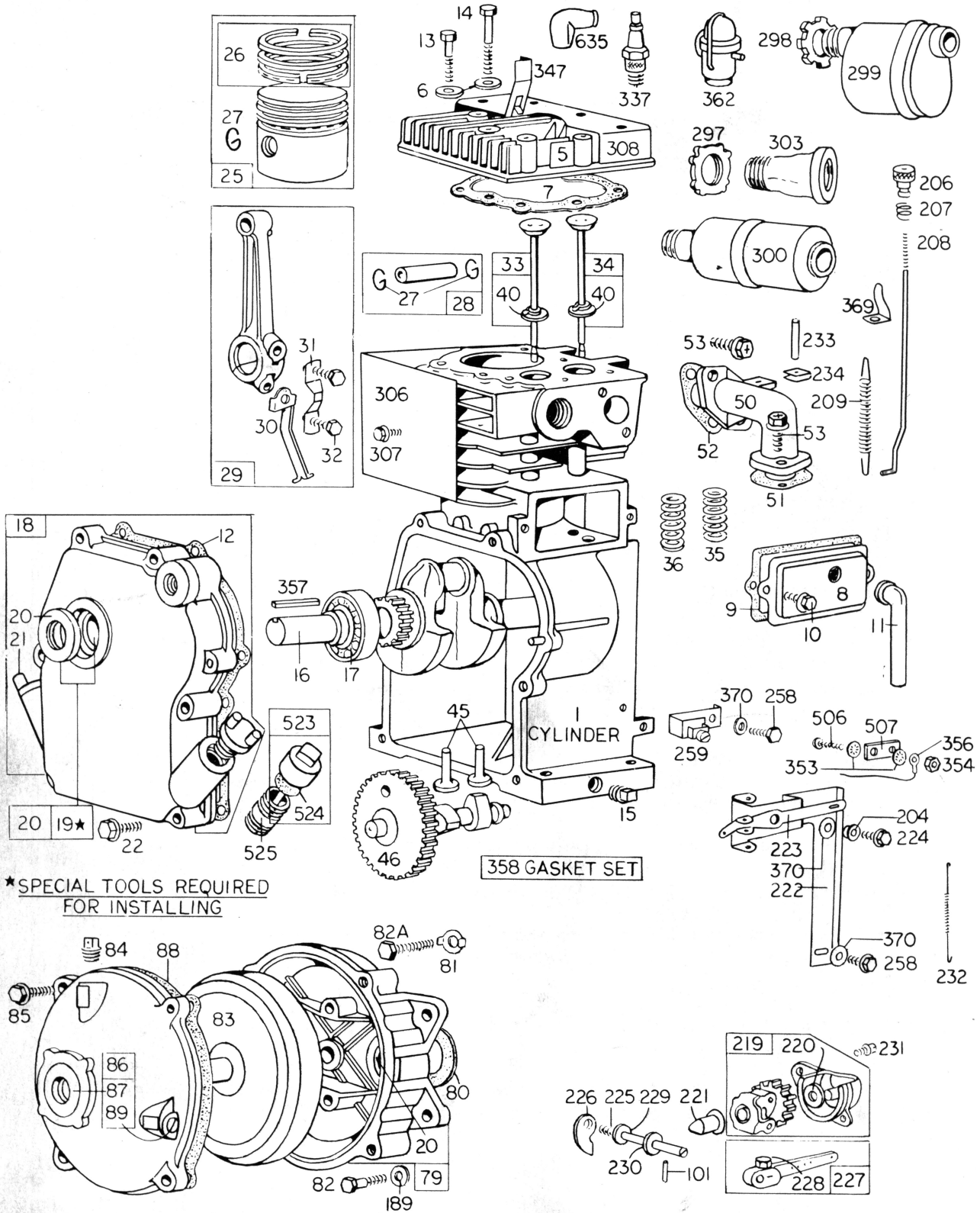
0110 to 0335
943500 to 943999
953500 to 953513

**TO FIND
THE CORRECT NUMBER OF THE PART YOU NEED:
FOLLOW THE INSTRUCTIONS BELOW.**

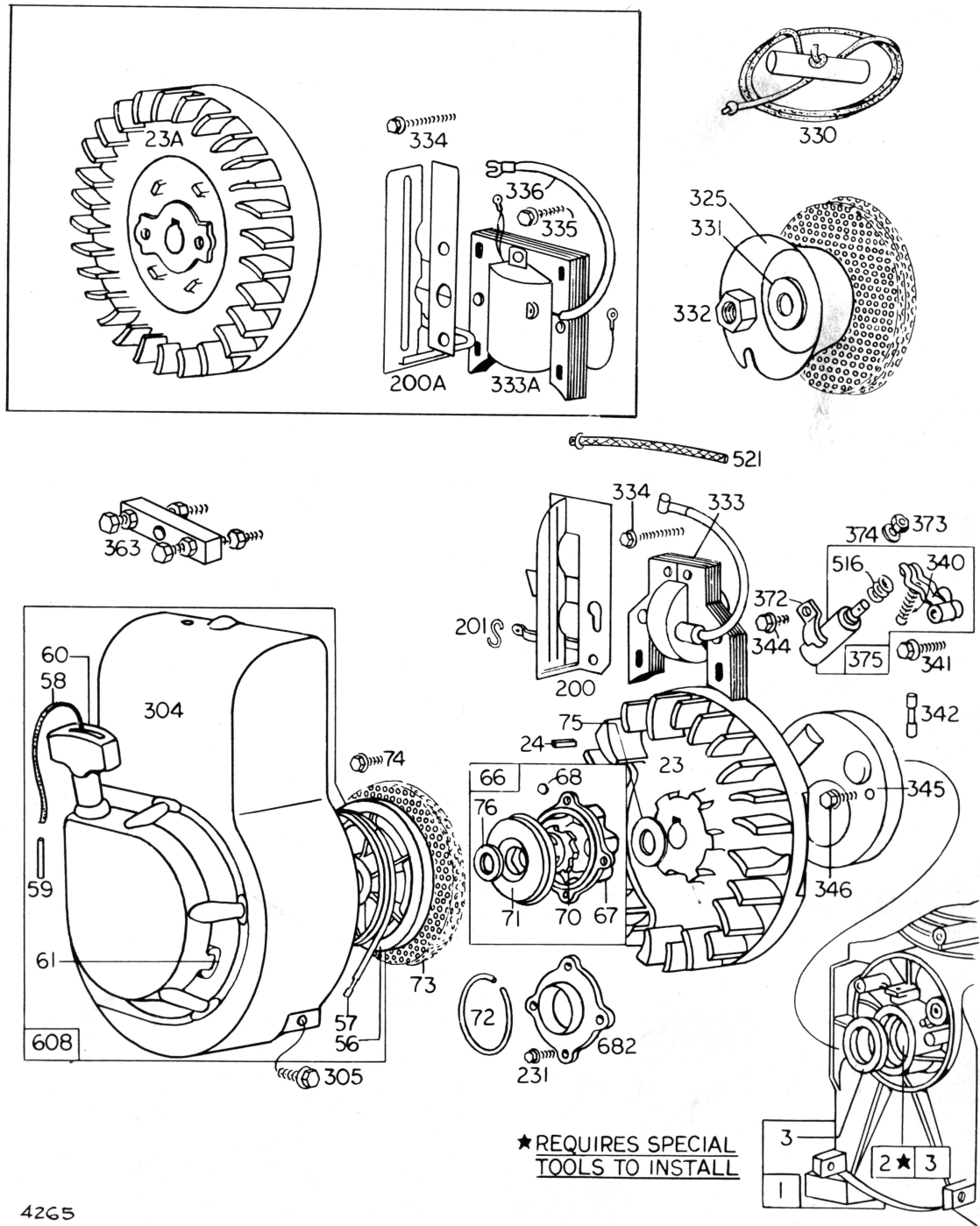
- A. Refer to Engine Model, Type and Code Number (formerly Serial Number) that is stamped on the blower housing or name plate of engine. (Engine type numbers such as 400108 are listed complete. Engine type numbers such as 0147 01 are listed herein only as 0147. The two digits (01 or 02, etc.) to the right of the space are not needed for parts identification). Then use the Illustrated Parts List covering these Model Series.
- B. Refer to Illustrated Parts section and compare the old part with illustration. The number on the illustration is the Reference Number. Assemblies include all parts shown in frames. All parts shown in assembly frames on which individual reference numbers are given can be purchased separately.
- C. After the Reference Number has been identified, refer to the Numerical Parts List, where Reference and Master Part Numbers are listed. THE MASTER PART IS USED ON ALL TYPE NUMBERS EXCEPT THOSE TYPE NUMBERS UNDER "NOTE".
- D. If a "Note" appears below the Master Part Number, this means that this part differs from the Master Part for certain types. If the Type Number is listed under "Note", order the part referred to.
- E. If the Engine Type Number does not appear after any part number listed under "Note", use the Master Part Number.
- F. For Type Numbers higher than those covered by this book, please refer to the factory if you are unable to identify the part by comparison.



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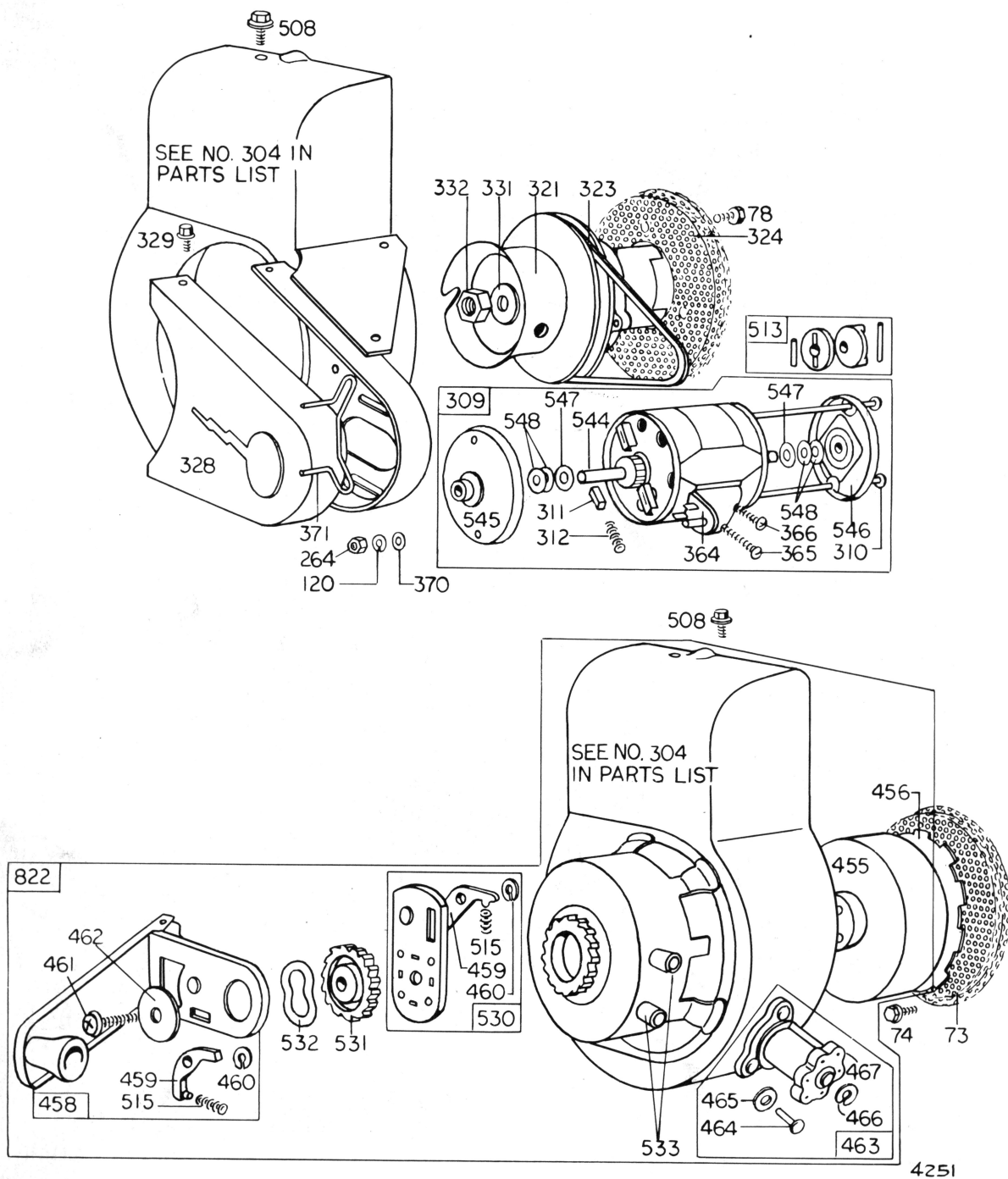


Assemblies include all parts shown in frames.



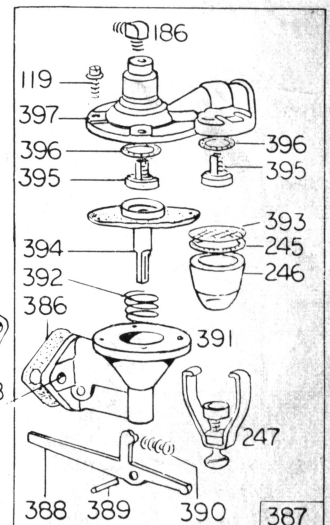
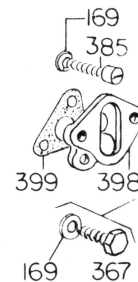
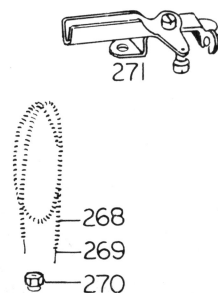
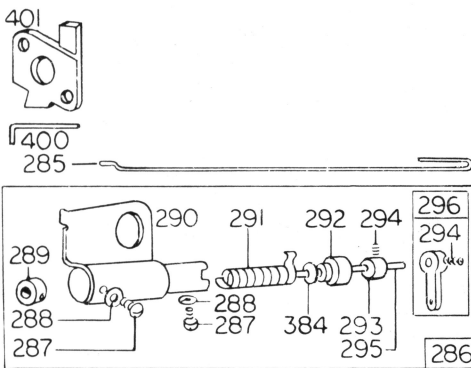
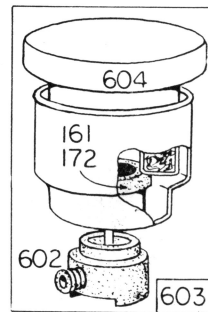
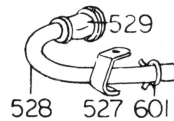
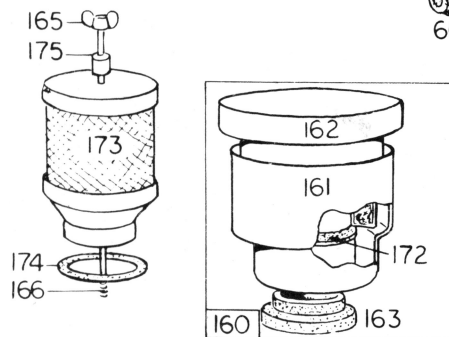
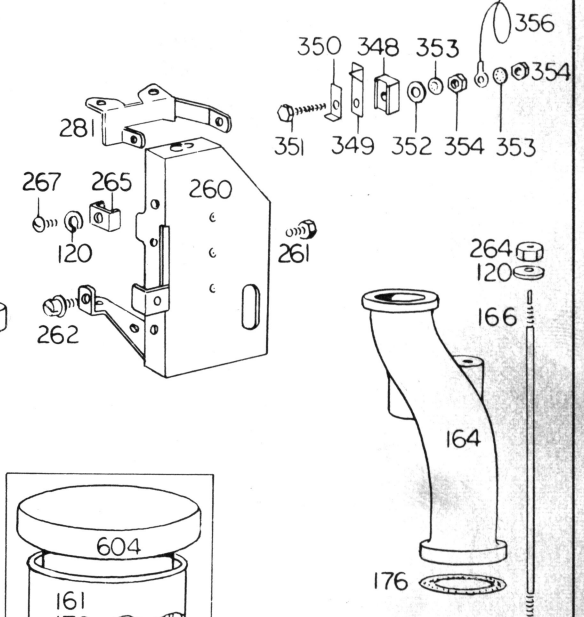
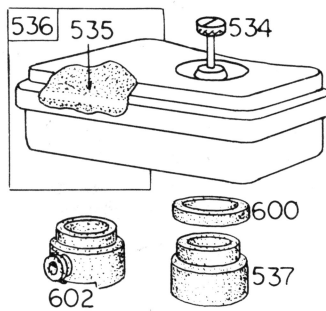
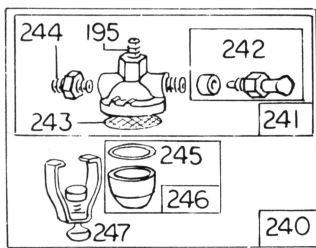
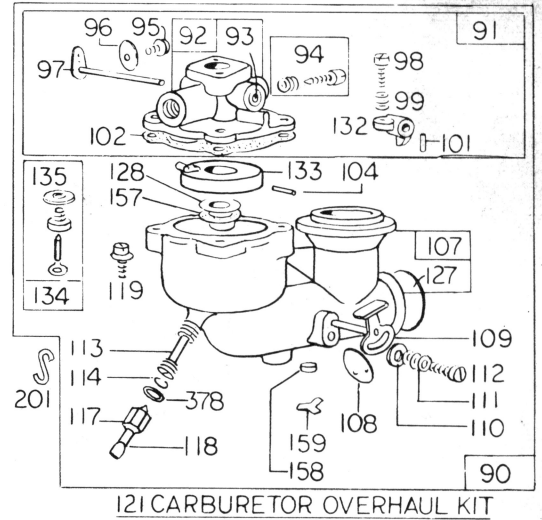
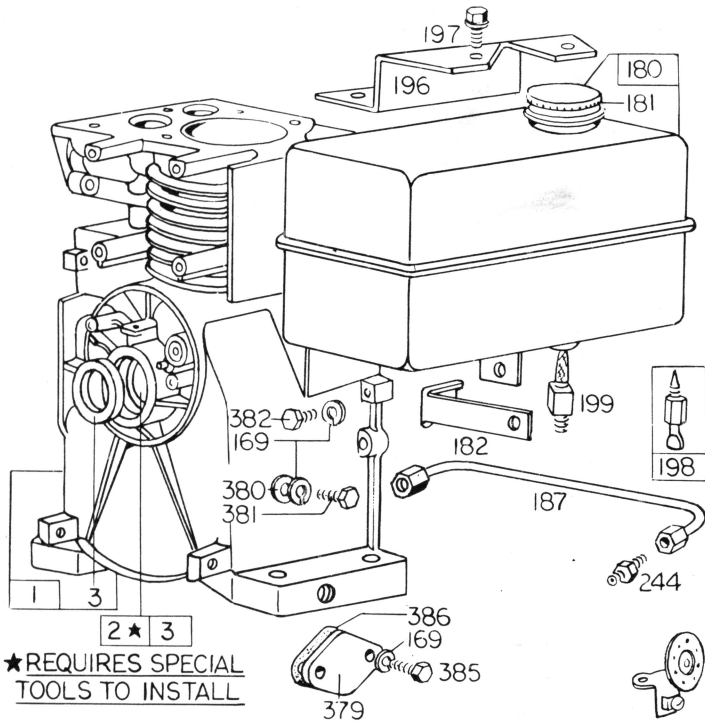
Assemblies include all parts shown in frames.

80300 To 80497
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Assemblies include all parts shown in frames.

80300 To 80497 81300 To 81497



Assemblies include all parts shown in frames.

80300 To 80497

81300 To 81497

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION		
1	296561	Cylinder Assembly This group of Cylinders used on Model 80300 and 80400 Series. Note: 295606 Cylinder Assy. Used on type Nos. 0051, 0062, 943086, 943116, 943166, 943190, 943209, 943227, 943275, 943365, 943403, 943483. 297083 Cylinder Assy. Used on type Nos. 0036, 0070, 0071, 0072, 0210, 0240, 0241, 0244, 0255, 0277, 0287, 0314, 0325, 0339, 0341, 0344, 0359, 0383, 0390, 0396, 0400, 0410, 0426, 0434, 0438, 0443, 0444, 0453, 0455, 0456, 0464, 0465, 0466, 0469, 0483, 0484, 0509, 0520, 0527, 0543, 0553, 0554, 943067, 943111, 943114, 943115, 943119, 943120, 943229, 943230, 943233, 943237, 943238, 943239, 943250, 943251, 943260, 943261, 943287, 943326, 943363, 943366, 943394, 943410, 943417, 943425, 943460, 943480, 943490, 953013, 953022, 953064, 953065, 953079.	3	89660	Seal—Oil			Used on Model 80300 Series type No. 943233; Also used on Model 81300 Series type Nos. 943686, 943859.		
			5	210812	Head—Cylinder Note: 210623 Head—Cylinder Uses: 220863 Washer—Spacer (Used between tank bracket and one boss on cylinder head) Used on Model 80300 , 80400 Series type Nos. 0196, 0205, 0218, 0231, 0246, 0261, 0263, 0275, 0289, 0366, 0436, 0460, 0487, 0525, 0534, 943102, 943105, 943136, 943149, 943164, 943181, 943195, 943204, 943212, 943213, 943217, 943255, 943314, 943328, 943348, 943349, 943371, 943392, 943393, 943406, 943412, 943437, 943444, 943492, 953019, 953024, 953046, 953053; Also used on Model 81300 , 81400 Series type Nos. 0150, 0152, 0188, 0238, 0305, 0317, 0326, 0327, 943598, 943621, 943632, 943637, 943660, 943889, 943899, 943911, 943912, 943968, 943994, 943997, 953507.			9	*27549	Gasket—Valve Cover
						10	93394	Screw—Breather Mounting Sem		
						11	66638	Tube—Breather		
						12	*27586	Gasket—Crankcase—.015" thick (Standard)		
							*27617	Gasket—Crankcase—.005" thick		
							*27618	Gasket—Crankcase—.009" thick		
						13	91386	Screw—Cylinder Head (2" long) Note: 92674 Screw—Cylinder Head (2-3/8" long) (1 used) Used on type Nos. 943546, 943568, 943652.		
						14	92674	Screw—Cylinder Head (2-7/16" long) Note: 92985 Screw—Cylinder Head (3" long) 63336 Spacer One each used on Model 80300 , 80400 Series type No. 943498; Also used on Model 81300 , 81400 Series type Nos. 0161, 0281, 943842, 943973.		
								15	91249	Plug—Pipe, 1/4" Std., Square Head Note: 92737 Plug—Drain (Magnetic) Used on Model 80400 Series type Nos. 0383, 0390.
						16	260257	Crankshaft Note: 260104 Crankshaft Used on Model 80300 , 80400 Series type Nos. 0110, 0115, 0132, 0163, 0169, 0182, 0251, 0261, 0320, 0380, 0387, 0409, 0416, 943010, 943012, 943013, 943019, 943025, 943026, 943027, 943056, 943081, 943096, 943097, 943117, 943125, 943133, 943136, 943137, 943138, 943142, 943143, 943151, 943168, 943169, 943170, 943176, 943177, 943184, 943193, 943200, 943248, 943257, 943258, 943264, 943271, 943288, 943290, 943291, 943303, 943312, 943352, 943359, 943381, 943389, 943424, 943431, 953086, 953097, 953114;		
			6	22963	Washer—Plain					
			7	*27670	Gasket—Cylinder Head Note: Two 27670 Cylinder Head Gaskets are used on Model 80300 , 80400 Series type Nos. 0196, 0205, 0218, 0231, 0246, 0261, 0263, 0275, 0289, 0366, 0436, 0460, 0487, 0525, 0534, 943102, 943105, 943136, 943149, 943164, 943181, 943195, 943204, 943212, 943213, 943217, 943255, 943314, 943328, 943348, 943349, 943371, 943392, 943393, 943406, 943412, 943437, 943444, 943492, 953019, 953024, 953046, 953053; Also used on Model 81300 , 81400 Series type Nos. 0150, 0152, 0188, 0238, 0305, 0317, 0326, 0327, 943598, 943621, 943632, 943637, 943660, 943889, 943899, 943911, 943912, 943968, 943994, 943997, 953507.					
			8	294178	Breather—Valve Chamber Note: 295954 Breather—Valve Chamber					
2	293708	Bushing—Cylinder Note: Requires special tools for installation.								

* Included in Gasket Set —
Part No. 297275.

REF. PART NO. NO.	DESCRIPTION	REF. PART NO. NO.	DESCRIPTION	REF. PART NO. NO.	DESCRIPTION
	Also used on Model 81300, 81400 Series type Nos. 0110, 0115, 0132, 0191, 0207, 0219, 0285, 0291, 943510, 943512, 943513, 943519, 943529, 943548, 943549, 943550, 943552, 943559, 943589, 943591, 943598, 943602, 943605, 943615, 943618, 943622, 943624, 943651, 943662, 943673, 943682, 943733, 943817, 943836, 943850, 943861, 943914, 943926, 943934, 943991, 943995, 953509. 260106 Crankshaft Used on Model 80300, 80400 Series type Nos. 0120, 0140, 0189, 0195, 0214, 0232, 0246, 0302, 0366, 0404, 943015, 943021, 943104, 943213, 943217, 943297, 943328, 953063, 953074; Also used on Model 81300, 81400 Series type Nos. 0120, 0140, 0150, 0151, 0188, 0193, 0195, 0198, 0201, 0265, 0266, 0276, 0297, 0322, 943515, 943521, 943593, 943599, 943625, 943635, 943637, 943658, 943668, 943747, 943821, 943868, 943899, 943956, 943960, 943988, 943997. 260107 Crankshaft Used on Model 80300, 80400 Series type Nos. 0026, 0165, 0170, 0187, 0190, 0191, 0201, 0211, 0218, 0272, 0281, 0313, 0343, 0375, 0381, 0401, 0415, 0430, 0445, 943036, 943037, 943041, 943062, 943105, 943131, 943161, 943171, 943203, 943272, 943315, 943326, 943329, 943369, 943375, 943392, 943402, 943433, 943466, 943469, 953008, 953009, 953014, 953023, 953024, 953051, 953093, 953094, 953102, 953105; Also used on Model 81300, 81400 Series type Nos. 0158, 0165, 0177, 0182, 0186, 0189, 0190, 0208, 0238, 0242, 0261, 0268, 0271, 0288, 0290, 0299, 0301, 0311, 0312, 0325, 943558, 943606, 943613, 943628, 943629, 943632,	943693, 943704, 943705, 943749, 943760, 943792, 943799, 943837, 943863, 943869, 943879, 943885, 943896, 943904, 943931, 943968, 943989, 943992, 943994, 953503, 953507, 953511. 260109 Crankshaft Used on Model 80300, 80400 Series type Nos. 0060, 0235, 0332, 943045, 943053, 943065, 943071, 943082, 943083, 943089, 943100, 943102, 943121, 943127, 943139, 943140, 943159, 943181, 943182, 943183, 943198, 943212, 943236, 943250, 943252, 943270, 943301, 943325, 943341, 943394, 943408, 943429, 943484, 953047; Also used on Model 81300, 81400 Series type Nos. 0213, 0272, 943534, 943592, 943678, 943707, 943809, 943843, 943917, 943919, 943953, 943975. 260110 Crankshaft Used on Model 80300, 80400 Series type Nos. 0121, 0141, 0288, 0417, 0460, 0486, 943016, 943022, 943174, 943210, 943263, 943339, 943384, 943385, 943434, 943451, 943462, 953066; Also used on Model 81300, 81400 Series type Nos. 0121, 0141, 0152, 0153, 0316, 0326, 0330, 943516, 943522, 943611, 943722, 943770, 943771, 943838, 943912, 943954. 260111 Crankshaft Used on Model 80300, 80400 Series type Nos. 0037, 0071, 0161, 0164, 0168, 0174, 0210, 0229, 0231, 0238, 0248, 0255, 0262, 0267, 0273, 0285, 0292, 0294, 0296, 0298, 0299, 0305, 0307, 0310, 0312, 0322, 0325, 0326, 0327, 0331, 0336, 0340, 0346, 0347, 0350, 0358, 0361, 0365, 0371, 0373, 0384, 0395, 0405, 0421, 0429, 0431, 0434, 0438, 0439, 0444, 0446, 0450, 0453, 0456, 0484, 0485, 0496, 0498, 0501, 0503, 0506, 0510, 0513,	0514, 0516, 0518, 0520, 0523, 0526, 0536, 0542, 0543, 0552, 0553, 943023, 943055, 943077, 943095, 943109, 943110, 943132, 943154, 943179, 943207, 943215, 943219, 943222, 943224, 943226, 943231, 943251, 943265, 943276, 943283, 943296, 943314, 943331, 943332, 943333, 943356, 943372, 943374, 943378, 943390, 943406, 943411, 943432, 943443, 943445, 943446, 943455, 943470, 943473, 943476, 943486, 943491, 943494, 943497, 953045, 953046, 953057, 953059, 953060, 953067, 953071, 953073, 953081, 953091, 953098, 953099, 953103, 953111; Also used on Model 81300, 81400 Series type Nos. 0156, 0157, 0162, 0167, 0199, 0210, 0214, 0218, 0228, 0236, 0243, 0250, 0264, 0267, 0274, 0284, 0295, 0296, 0298, 0300, 0303, 0305, 0315, 0318, 0319, 0327, 0332, 0334, 943574, 943583, 943601, 943644, 943656, 943692, 943706, 943717, 943728, 943730, 943752, 943779, 943786, 943797, 943800, 943814, 943826, 943829, 943830, 943831, 943832, 943833, 943839, 943847, 943864, 943865, 943893, 943898, 943903, 943921, 943932, 943949, 943961, 943962, 943977, 943978, 943990, 943993, 953501, 953506. 260113 Crankshaft Used on Model 80300, 80400 Series type Nos. 0070, 0167, 0217, 0222, 0225, 0240, 0241, 0242, 0243, 0254, 0277, 0303, 0304, 0314, 0315, 0316, 0318, 0328, 0339, 0341, 0379, 0385, 0410, 0413, 0420, 0455, 0469, 0491, 0508, 0509, 943046, 943047, 943067, 943103, 943114, 943228, 943229, 943232, 943237, 943260, 943262, 943309, 943324, 943336, 943398, 943425, 943439, 943440, 943441, 943480, 943481, 943485, 943496, 953001, 953006,		

80300 To 80497

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REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
		953007, 953064, 953076, 953079, 953095; Also used on Model 81300, 81400 Series type Nos. 0211, 0229, 0248, 0259, 0277, 0294, 0304, 0313, 943540, 943572, 943582, 943659, 943660, 943687, 943723, 943739, 943774, 943788, 943812, 943813, 943908, 943998, 953510. 260114 Crankshaft Used on Model 80300, 80400 Series type Nos. 0023, 0045, 0125, 0144, 0171, 0206, 0212, 0252, 0256, 0263, 0279, 0282, 0370, 0372, 0382, 0390, 0393, 0414, 0441, 0464, 943017, 943033, 943035, 943048, 943049, 943068, 943072, 943085, 943090, 943092, 943101, 943118, 943141, 943144, 943157, 943164, 943172, 943173, 943178, 943186, 943192, 943204, 943205, 943206, 943240, 943242, 943244, 943289, 943292, 943306, 943313, 943340, 943344, 943366, 943373, 943376, 943380, 943396, 943444, 943450, 953019, 953026, 953109; Also used on Model 81300, 81400 Series type Nos. 0125, 0144, 0163, 0185, 0187, 0196, 0205, 0209, 0222, 0237, 0244, 0260, 0263, 0275, 0287, 0293, 0309, 0310, 0314, 0321, 943517, 943535, 943543, 943555, 943564, 943621, 943650, 943654, 943667, 943674, 943675, 943679, 943709, 943713, 943714, 943718, 943719, 943754, 943759, 943785, 943807, 943840, 943851, 943860, 943866, 943871, 943877, 943882, 943923, 943928, 943945, 943947, 943952, 943957, 943963, 943967, 943983, 943987, 953508. 260115 Crankshaft Used on Model 80300, 80400 Series type Nos. 0049, 0126, 0177, 0178, 0180, 0186, 0193, 0198, 0202, 0215, 0245, 0247, 0266, 0276, 0286, 0287, 0295, 0301, 0306, 0319, 0333, 0349, 0353, 0356,			0362, 0369, 0391, 0397, 0406, 0412, 0418, 0422, 0427, 0428, 0451, 0454, 0472, 0473, 0490, 0492, 0493, 0495, 0497, 0502, 0511, 0517, 0521, 0531, 0535, 0538, 0544, 0550, 0551, 943018, 943034, 943050, 943051, 943069, 943106, 943108, 943124, 943130, 943134, 943155, 943163, 943188, 943202, 943243, 943259, 943274, 943277, 943279, 943302, 943305, 943316, 943322, 943351, 943354, 943357, 943363, 943367, 943368, 943377, 943386, 943391, 943395, 943397, 943409, 943416, 943427, 943428, 943430, 943436, 943456, 943464, 943472, 943487, 953015, 953021, 953034, 953039, 953041, 953055, 953075, 953082, 953087, 953096, 953101, 953108, 953110, 953112; Also used on Model 81300, 81400 Series type Nos. 0126, 0145, 0154, 0164, 0180, 0181, 0216, 0217, 0225, 0246, 0249, 0258, 0270, 0279, 0280, 0286, 0324, 0331, 0333, 943518, 943524, 943547, 943561, 943569, 943576, 943586, 943630, 943633, 943639, 943647, 943649, 943655, 943661, 943663, 943666, 943683, 943688, 943690, 943710, 943712, 943729, 943732, 943737, 943744, 943762, 943772, 943775, 943781, 943782, 943796, 943818, 943835, 943841, 943858, 943875, 943894, 943907, 943933, 943955, 943965, 943966, 943974, 943981, 943986, 953505. 260121 Crankshaft Used on Model 80300, 80400 Series type Nos. 0061, 0175, 0274, 943066, 943094, 943145, 943158, 943197, 943348, 943421, 943461, 943492; Also used on Model 81300, 81400 Series type Nos. 0159, 0212, 0223, 0239, 0252, 943677, 943727, 943743, 943776, 943810, 943848, 943852.			260132 Crankshaft Used on Model 80300, 80400 Series type Nos. 0176, 0196, 0233, 0258, 0269, 0355, 0386, 0394, 0462, 0481, 0488, 0494, 0529, 0548, 943061, 943087, 943156, 943187, 943234, 943253, 943334, 943335, 943345, 943346, 943379, 943452, 943468, 953043, 953085, 953104; Also used on Model 81300, 81400 Series type Nos. 0171, 0281, 943525, 943595, 943597, 943608, 943616, 943617, 943638, 943643, 943716, 943734, 943802, 943808, 943878, 943890, 943930, 943973. 260142 Crankshaft Used on Model 80300, 80400 Series type Nos. 0051, 943086; Also used on Model 81300, 81400 Series type No. 943588. 260144 Crankshaft Used on type No. 943166. 260145 Crankshaft Used on Model 80300, 80400 Series type Nos. 0010, 0050, 0151, 0344, 943057, 943075; Also used on Model 81300, 81400 Series type No. 943801. 260182 Crankshaft Used on Model 80300, 80400 Series type Nos. 0036, 0038, 0203, 0359, 0376, 0396, 0423, 0435, 0465, 0466, 0467, 0471, 0489, 0512, 0525, 0528, 0532, 0534, 0545, 0554, 943044, 943111, 943115, 943119, 943120, 943220, 943223, 943230, 943246, 943319, 943364, 943417, 943418, 943419, 943423, 943438, 943449, 943493; Also used on Model 81300, 81400 Series type Nos. 0221, 0253, 0254, 0273, 0283, 943645, 943646, 943689, 943691, 943700, 943735, 943748, 943757, 943783, 943794, 943805, 943806, 943938, 943969. 260186 Crankshaft Used on Model 80300, 80400 Series type Nos.

REF. PART NO. NO.	DESCRIPTION	REF. PART NO. NO.	DESCRIPTION	REF. PART NO. NO.	DESCRIPTION
	0011, 0199, 943074, 943189, 943255, 943362, 943474, 943498; Also used on Model 81300, 81400 Series type Nos. 0161, 0170, 943526, 943527, 943530, 943587, 943609, 943614, 943842, 943854, 943880. 260187 Crankshaft Used on Model 80300, 80400 Series type Nos. 0035, 0260, 0351, 0383, 0400, 0403, 0424, 0436, 0461, 0474, 0475, 0507, 0539, 0540, 943064, 943307, 953100; Also used on Model 81300, 81400 Series type Nos. 0160, 0168, 0178, 0184, 0202, 0234, 0251, 0320, 0323, 0328, 0329, 943751, 943758, 943825, 943834, 943844, 943876, 943900, 943920, 943976, 943999, 953512. 260201 Crankshaft Used on Model 80300 Series type No. 943040; Also used on Model 81300 Series type Nos. 0203, 0289, 943542, 943573. 260263 Crankshaft Used on Model 80300, 80400 Series type Nos. 0062, 943116, 943190, 943227, 943275, 943403, 943483; Also used on Model 81300, 81400 Series type Nos. 943581, 943811, 943918, 943940. 260264 Crankshaft Used on Model 80400 Series type No. 943209; Also used on Model 81400 Series type No. 943764. 260268 Crankshaft Used on Model 80300, 80400 Series type Nos. 0027, 0172, 0173, 0184, 0185, 0192, 0205, 0228, 0270, 0360, 943038, 943039, 943063, 943076, 943084, 943098, 943122, 943149, 943245, 943278, 943298, 943475, 943478, 953011, 953070; Also used on Model 81300, 81400 Series type Nos. 0194, 0220, 0224, 0233, 0306, 0308, 943554, 943642, 943750,	943765, 943823, 943884, 943887, 943892, 943901, 943913, 943915, 943985, 953502. 260276 Crankshaft Used on Model 80300, 80400 Series type Nos. 0024, 0442, 943032, 943482; Also used on Model 81300 Series type Nos. 0240, 943653, 943741. 260395 Crankshaft Used on type No. 943568. 260433 Crankshaft Used on Model 81300 Series type Nos. 0169, 943627. 260481 Crankshaft Used on Model 80300 Series type No. 943310; Also used on Model 81300 Series type No. 943721. 260488 Crankshaft Used on Model 80300, 80400 Series type Nos. 0025, 0150, 0275, 0289, 0308, 0337, 0367, 0368, 0402, 943054, 943135, 943195, 943268, 943285, 943371, 943393, 943442, 953010, 953053, 953078; Also used on Model 81300, 81400 Series type Nos. 0175, 0176, 0245, 0278, 0292, 0302, 0307, 0317, 943565, 943761, 943784, 943804, 943828, 943889, 943916, 943935, 943964, 943970, 943980. 260489 Crankshaft Used on Model 80300, 80400 Series type Nos. 0149, 0160, 0179, 0213, 0226, 0268, 0280, 0291, 0426, 0440, 0448, 0470, 0476, 0477, 0487, 0499, 0500, 0527, 943043, 943112, 943153, 943185, 943233, 943266, 943267, 943280, 943287, 943295, 943360, 943370, 943412, 943414, 943479, 943489, 943490, 953056, 953062, 953084, 953113, 953504; Also used on Model 81300, 81400 Series type Nos. 0257, 943556, 943648, 943680, 943681, 943686, 943708, 943740, 943745, 943746, 943766, 943767,	943790, 943791, 943795, 943849, 943859, 943881. 260490 Crankshaft Used on Model 80300 Series type Nos. 943107, 943437; Also used on Model 81300, 81400 Series type Nos. 0179, 0192, 943596, 943886, 943943. 260491 Crankshaft Used on Model 80300 Series type Nos. 0458, 943042; Also used on Model 81300 Series type Nos. 0282, 943545, 943755. 260492 Crankshaft Used on Model 80300, 80400 Series type Nos. 0016, 0055, 943113, 943180; Also used on Model 81300 Series type No. 943803. 260512 Crankshaft Used on Model 80400 Series type No. 0515; Also used on Model 81400 Series type Nos. 0235, 943777, 943822, 943944. 260522 Crankshaft Used on type No. 943365. 260561 Crankshaft Used on type No. 943793. 260562 Crankshaft Used on Model 80300, 80400 Series type Nos. 0271, 0357, 0364, 0378, 0541, 943453, 953002, 953005, 953031, 953054; Also used on Model 81300, 81400 Series type Nos. 943798, 943891. 260932 Crankshaft Used on Model 80400 Series type Nos. 0072, 0392, 0530, 0546. 260992 Crankshaft Used on Model 80400 Series type No. 0443. 17 99158 Bearing—Ball 18 294305 Cover Assembly— Crankcase Used on Model 80301, 80302, 81301, 81302, 81303 Series. Note: 294306 Cover Assembly— Crankcase Used on Model 80331, 80332, 80431, 80432, 81331, 81332, 81431, 81432 Series.		

80300 To 80497 81300 To 81497

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
		294307 Cover Assembly—Crankcase Used on Model 80311, 80312, 80351, 80352, 80401, 80402, 80451, 80452, 81311, 81312, 81351, 81352, 81353, 81401, 81402, 81451, 81452 Series.			294160 Seal—Oil Used on the auxiliary P. T. O. shaft on Model 80300, 80400 Series type 943387; Also used on Model 81300, 81400 Series type Nos. 943695, 943696, 943773, 953018.			Also used on Model 81300, 81400 Series type Nos. 943900, 943999 before and after Serial No. 6212310.
		296289 Cover Assembly—Crankcase Used on Model 80300 Series type No. 943310; Also used on Model 81300 Series type No. 943721.			294207 Oil Seal and spacer Used on Model 80311, 80312, 80401, 80402, 81311, 81312, 81401, 81402 Series.	24	61760	Key—Flywheel
		296295 Cover Assembly—Crankcase Used on Model 80300, 80400 Series type Nos. 0148, 943330, 943387, 953018; Also used on Model 81300, 81400 Series type Nos. 943695, 943696, 943773.			298041 Seal—Oil Used on the auxiliary P. T. O. shaft on Model 80300 Series type No. 0130; Also used on Model 81300 Series type No. 0130.	25	295587	Piston Assembly—Std.
		297378 Cover Assembly—Crankcase Used on Model 80300 Series type No. 0284.	21	66768	Plug—Oil Filler		Note:	295455 Piston Assembly—Standard Used on Model 81300, 81400 Series.
		298281 Cover Assembly—Crankcase Used on Model 80300 Series type No. 0130; Also used on Model 81300 Series type No. 0130.		Note:	298858 Oil Minder Used on Model 80300, 80400 Series type Nos. 0071, 0072, 0378, 0380, 0381, 0382, 0395, 0414, 0415, 0416, 0453, 0456.		295588	Piston Assembly—.010" O.S.
		298511 Cover Assembly—Crankcase Used on Model 80300 Series type Nos. 0285, 0343.	22	93032	Screw—Crankcase Cover Mounting Sem		Note:	295456 Piston Assembly—.010" O.S. Used on Model 81300, 81400 Series.
19	293708	Bushing—Crankcase Cover Note: Parts 220538, 293708 and 294499 require special tools for installation.		Note:	92747 Screw—Crankcase Cover Mounting Sem Used in two top holes to mount cover on Model 80311, 80312, 80351, 80352, 80401, 80402, 81311, 81312, 81351, 81352, 81353, 81401, 81402 Series.		295589	Piston Assembly—.020" O.S.
		Note: 220538 Bushing—Crankcase Cover Used on Model 80311, 80312, 80351, 80352, 81311, 81312, 81351, 81352, 81353 Series.	23	296884	Flywheel—Magnet		Note:	295457 Piston Assembly—.020" O.S. Used on Model 81300, 81400 Series.
		294499 Bushing Assy.—Crankcase Cover Used on Model 80401, 80402, 81401, 81402 Series.		Note:	297949 Flywheel—Magnet Used on Model 80400 Series type No. 0277.	26	294232	Ring Set—Std. Piston Consists of: 210471 Ring, Piston, Compression, Top 210472 Ring, Piston, Compression, Center 210473 Ring, Piston, Oil
20	89660	Seal—Oil Note: 293740 Seal—Oil Used on Model 80331, 80332, 80431, 80432, 81331, 81332, 81431, 81432 Series.	23A	295936	Flywheel — Magnet (Used before Serial No. 6212310) Note: Used on all Model 80400 Series type Nos. 953064, 953079;		294224	Ring Set—.010" O.S. Piston Consists of: 210490 Ring, Piston, Compression, Top, .010" O.S. 210489 Ring, Piston, Compression Center, .010" O.S. 210491 Ring, Piston, Oil, .010" O.S.
							294225	Ring Set—.020" O.S. Piston Consists of: 210493 Ring, Piston, Compression, Top, .020" O.S. 210492 Ring, Piston, Compression, Center, .020" O.S.

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
		210494 Ring, Piston, Oil, .020" O.S.	29	294367	Rod Assembly—Conn. For Connecting Rod with .020" Undersize Crankin Bore — order No. 296079.			260075 Valve—Exhaust, Stellite (With hole in Stem) For Pins and Retainers for this Valve see note under reference No. 40. Used on Model 80300, 80400 Series type Nos. 0036, 0070, 0071, 0072, 0160, 0179, 0210, 0240, 0241, 0244, 0255, 0277, 0287, 0314, 0318, 0325, 0339, 0341, 0344, 0359, 0371, 0383, 0390, 0396, 0400, 0410, 0426, 0434, 0438, 0443, 0444, 0453, 0455, 0456, 0464, 0465, 0466, 0469, 0483, 0484, 0509, 0520, 0527, 0543, 0553, 0554, 943067, 943111, 943114, 943115, 943119, 943120, 943229, 943230, 943233, 943236, 943237, 943238, 943239, 943250, 943251, 943260, 943261, 943265, 943287, 943316, 943326, 943363, 943366, 943372, 943394, 943410, 943417, 943425, 943443, 943460, 943480, 943488, 943489, 943490, 943493, 953013, 953022, 953064, 953065, 953079, 953084; Also used on Model 81300, 81400 Series type Nos. 0194, 0202, 0222, 0230, 0234, 0237, 0245, 0253, 0254, 0258, 0262, 0264, 0287, 0288, 0301, 0303, 943555, 943572, 943647, 943659, 943686, 943689, 943691, 943735, 943757, 943764, 943789, 943790, 943791, 943805, 943806, 943812, 943813, 943844, 943860, 943882, 943886, 943900, 943913, 943935, 943936, 943938, 943939, 943953, 943958, 943969, 943980, 943985, 943999, 953505, 953510.
294226		Ring Set—.030" O.S. Piston Consists of: 210496 Ring, Piston, Compression, Top, .030" O.S. 210495 Ring, Piston, Compression, Center, .030" O.S. 210497 Ring, Piston, Oil, .030" O.S.		Note:		34	296677	Valve—Intake (Grooved Stem—Includes Retainer No. 93312) Note: 230101 Valve—Intake (With hole in Stem) For Pins and Retainers for this Valve see note under reference No. 40. Used on Model 80300, 80400 Series type Nos. 0036, 0070, 0071, 0072, 0160, 0179, 0210, 0240,
MODEL 81300, 81400 SERIES RING SETS:			30	220670	Dipper—Connecting Rod			
	Note:	For Chrome Piston Ring Set — standard size — order Part No. 297201.	31	220756	Lock—Connecting Rod Screw			
295657		Ring Set—Std. Piston Consists of: 210796 Ring, Piston, Compression, Top, Std. 210797 Ring, Piston, Compression, Center, Standard. 295661 Ring, Oil (w/expander), Standard.	32	92296	Screw—Connecting Rod			
295658		Ring Set—.010" O.S. Piston Consists of: 210799 Ring, Piston, Compression, Top, .010" O.S. 210798 Ring, Piston, Compression, Center, .010" O.S. 295662 Ring, Oil (w/expander), .010" O.S.	33	296676	Valve—Exhaust (Grooved Stem—Includes Retainer No. 93312) Note: 26973 Valve—Exhaust (With Hole in Stem) For Pins and Retainers for this Valve see note under reference No. 40. Used on Model 80300, 80400 Series type Nos. 0023, 0024, 0025, 0026, 0027, 0035, 0037, 0038, 0045, 0049, 0055, 0060, 0061, 0062, 0150, 0161, 0185, 0222, 0226, 0238, 0239, 0268, 0289, 0315, 0322, 0337, 0358, 0360, 0369, 0375, 0381, 0382, 0392, 0405, 0406, 0414, 0415, 0476, 0484, 0487, 0490, 0495, 0499, 0514, 0523, 0531, 0532, 0538, 0552, 943032, 943043, 943084, 943098, 943140, 943150, 943153, 943210, 943246, 943256, 943263, 943268, 943301, 943303, 943304, 943312, 943479, 943481, 943482, 943483, 943484, 943485, 943491, 953073, 953095; Also used on Model 81300, 81400 Series type Nos. 0176, 0179, 0185, 0187, 0190, 0193, 0201, 0207, 0208, 0209, 0233, 0240, 0266, 0268, 0272, 0278, 0289, 0314, 0317, 0324, 0333, 943611, 943625, 943653, 943659, 943678, 943680, 943681, 943685, 943708, 943719, 943723, 943740, 943741, 943745, 943746, 943747, 943748, 943754, 943759, 943766, 943767, 943774, 943784, 943795, 943814, 943823, 943828, 943850, 943851, 943868, 943869, 943871, 943896, 943899, 943916, 943923, 943940, 943943, 943964, 943975, 943994, 953508, 953511.			
295659		Ring Set—.020" O.S. Piston Consists of: 210801 Ring, Piston, Compression, Top, .020" O.S. 210800 Ring, Piston, Compression, Center, .020" O.S. 295663 Ring, Oil (w/expander), .020" O.S.						
295660		Ring Set—.030" O.S. Piston Consists of: 210803 Ring, Piston, Compression, Top, .030" O.S. 210802 Ring, Piston, Compression, Center, .030" O.S. 295664 Ring, Oil (w/expander), .030" O.S.						
27	26026	Lock—Piston Pin						
28	298909	Pin Assembly—Piston—Standard						
	298908	Pin Assembly—Piston—.005" O.S.						

80300 To 80497 81300 To 81497

REF. PART NO.	PART NO.	DESCRIPTION	REF. PART NO.	PART NO.	DESCRIPTION	REF. PART NO.	PART NO.	DESCRIPTION			
		0241, 0244, 0255, 0277, 0287, 0314, 0318, 0325, 0339, 0341, 0344, 0359, 0371, 0383, 0390, 0396, 0400, 0410, 0426, 0434, 0438, 0443, 0444, 0453, 0455, 0456, 0464, 0465, 0466, 0469, 0483, 0484, 0509, 0520, 0527, 0543, 0553, 0554, 943067, 943111, 943114, 943115, 943119, 943120, 943229, 943230, 943233, 943236, 943237, 943238, 943239, 943250, 943251, 943260, 943261, 943265, 943287, 943316, 943326, 943363, 943366, 943372, 943394, 943410, 943417, 943425, 943443, 943460, 943480, 943488, 943489, 943490, 943493, 953013, 953022, 953064, 953065, 953079, 953084; Also used on Model 81300, 81400 Series type Nos. 0194, 0202, 0222, 0230, 0234, 0237, 0245, 0253, 0254, 0258, 0262, 0264, 0287, 0288, 0301, 0303, 943555, 943572, 943647, 943659, 943686, 943689, 943691, 943735, 943757, 943764, 943789, 943790, 943791, 943805, 943806, 943812, 943813, 943844, 943860, 943882, 943886, 943900, 943913, 943935, 943936, 943938, 943939, 943953, 943958, 943969, 943980, 943985, 943999, 953505, 953510.			0484, 0487, 0490, 0495, 0499, 0514, 0523, 0527, 0531, 0532, 0538, 0543, 0552, 0553, 0554, 943032, 943043, 943084, 943098, 943120, 943140, 943150, 943153, 943210, 943229, 943230, 943236, 943238, 943246, 943251, 943256, 943265, 943268, 943287, 943301, 943303, 943304, 943312, 943316, 943326, 943363, 943366, 943372, 943394, 943417, 943443, 943479, 943480, 943481, 943482, 943483, 943484, 943485, 943488, 943489, 943491, 953013, 953064, 953065, 953073, 953079, 953084, 953095; Also used on Model 81300, 81400 Series type Nos. 0176, 0179, 0185, 0187, 0190, 0193, 0194, 0201, 0207, 0208, 0209, 0222, 0230, 0233, 0237, 0240, 0254, 0258, 0266, 0272, 0278, 0289, 0301, 0314, 0317, 0324, 0333, 943572, 943611, 943625, 943647, 943653, 943659, 943678, 943680, 943681, 943685, 943689, 943708, 943719, 943723, 943740, 943741, 943745, 943746, 943747, 943748, 943754, 943757, 943759, 943764, 943766, 943767, 943774, 943784, 943789, 943791, 943795, 943814, 943823, 943828, 943850, 943851, 943860, 943868, 943869, 943871, 943882, 943896, 943899, 943916, 943923, 943936, 943938, 943940, 943943, 943953, 943958, 943964, 943975, 943985, 943994, 953505, 953508, 953510, 953511.			230127 Retainer Exhaust Valve Rotocap Used on Model 80300, 80400 Series type Nos. 0024, 0025, 0026, 0027, 0035, 0037, 0038, 0045, 0049, 0055, 0060, 0061, 0062, 0071, 0150, 0160, 0161, 0179, 0185, 0210, 0222, 0226, 0238, 0239, 0240, 0244, 0255, 0277, 0287, 0289, 0314, 0315, 0318, 0337, 0341, 0344, 0360, 0369, 0371, 0375, 0381, 0382, 0383, 0390, 0396, 0400, 0405, 0406, 0414, 0415, 0426, 0438, 0443, 0455, 0456, 0464, 0465, 0469, 0476, 0483, 0484, 0487, 0490, 0495, 0499, 0514, 0523, 0527, 0531, 0532, 0538, 0543, 0552, 0553, 0554, 943032, 943043, 943084, 943098, 943120, 943140, 943150, 943153, 943210, 943229, 943230, 943236, 943238, 943246, 943251, 943256, 943265, 943268, 943287, 943301, 943303, 943304, 943312, 943316, 943326, 943363, 943366, 943372, 943394, 943417, 943443, 943479, 943480, 943481, 943482, 943483, 943484, 943485, 943488, 943489, 943491, 953013, 953064, 943065, 953073, 953079, 953084, 953095; Also used on Model 81300, 81400 Series type Nos. 0176, 0179, 0185, 0187, 0190, 0193, 0194, 0201, 0207, 0208, 0209, 0222, 0230, 0233, 0237, 0240, 0254, 0258, 0266, 0272, 0278, 0289, 0301, 0314, 0317, 0324, 0333, 943572, 943611, 943625, 943647, 943653, 943659, 943678, 943680, 943681, 943685, 943689, 943708, 943719, 943723, 943740, 943741, 943745, 943746, 943747, 943748, 943754, 943757, 943759, 943764, 943766, 943767, 943774, 943784, 943789, 943791, 943795, 943814, 943823, 943828, 943850, 943851, 943860, 943868, 943869, 943871, 943882, 943896, 943899, 943916, 943923, 943936, 943938, 943940, 943943, 943953, 943958, 943964, 943975, 943985, 943994, 953505, 953508, 953510, 953511.			230126 Pin—Exhaust Valve Rotocap Retainer
35	260552	Spring—Intake Valve									
36	26478	Spring—Exhaust Valve									
	Note:	26826 Spring—Exhaust Valve Used on Model 80300, 80400 Series type Nos. 0023, 0024, 0025, 0026, 0027, 0035, 0037, 0038, 0045, 0049, 0055, 0060, 0061, 0062, 0071, 0150, 0160, 0161, 0179, 0185, 0210, 0222, 0226, 0238, 0239, 0240, 0244, 0255, 0277, 0287, 0314, 0315, 0317, 0318, 0337, 0341, 0344, 0360, 0369, 0371, 0375, 0381, 0382, 0383, 0390, 0396, 0400, 0405, 0406, 0414, 0415, 0426, 0438, 0443, 0455, 0456, 0464, 0465, 0469, 0476, 0483,	40	93312	Retainer—Valve Spring Used with valves with groove in stem. Note: 23184 Retainer—Valve Spring 23187 Pin—Valve Spring Retainer Used with valves with hole in stem except those with Rotocap. 292259 Rotocap—Exhaust Valve 230126 Pin—Exhaust Valve Rotocap Retainer						

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
		943958, 943964, 943975, 943985, 943994, 953505, 953508, 953510, 953511.		Note:	294584 Rope—Starter—47-1/8" long Used before Serial No. 6507011. If longer rope is needed, order No. 66684 (used after Serial No. 6506301) or No. 66514 (used before Serial No. 6507011) and cut to required length.	74	93490	Screw—Rotating Screen Mounting Sem
45	230173	Tappet—Valve				75	220865	Washer—Spring (Used to lock rewind and wind-up starter clutch)
46	210453	Gear—Cam				76	68238	Washer—Ratchet Sealing Used after Serial No. 6405220.
	Note:	210804 Gear—Cam Used on Model 80300, 80400 Series type Nos. 0148, 943330, 943387; Also used on Model 81300, 81400 Series type Nos. 943695, 943696, 943773, 953018.	59	230228	Pin—Starter Grip		Note:	270045 Washer—Sealing Used before Serial No. 6405250 on Model 80300, 80400 Series type Nos. 0155, 0181, 0207, 0271, 943188, 953027, 953031, 953049, 953092; Also used on Model 81300 Series type Nos. 0172, 0243, 943546.
		211337 Gear—Cam Used on Model 80300 Series type No. 0130; Also used on Model 81300 Series type No. 0130.	60	66728	Grip—Starter Rope			
50	210810	Elbow—Intake	61	68618	Bumper—Starter Pulley			
51	*†68987	Gasket—Carburetor Mtg.	66	298310	Clutch Assy.—Rewind and Wind-up Starter Used after Serial No. 6405220.	78	93014	Screw—Pulley Screen Mounting Sem
52	*27355	Gasket—Intake Elbow Mounting		Note:	296468 Clutch Assembly—Rewind and Wind-up Starter Used before Serial No. 6405250.	79	290779	Case Assembly—Gear
	Note:	27384 Gasket—Intake Elbow Mounting Used on Model 80400 Series type Nos. 0255, 0385, 943046, 943121, 943127, 943139, 943182, 943190, 943275, 943365, 943403, 953079; Also used on Model 81400 Series type Nos. 943687, 943788, 943843, 943917, 943918.	67	211383	Housing—Starter Clutch Used after Serial No. 6405220.	80	27667	Gasket—Gear Case
				Note:	210400 Housing—Starter Clutch Used before Serial No. 6405250.	81	220234	Lock—Gear Case Mounting Screw
53	93357	Screw—Carburetor and Intake Elbow Mtg.				82	91541	Screw—Cap, Hex. Hd.—5/16-24 x 7/8"
	Note:	93170 Screw—Intake Elbow Mounting Sem	68	63770	Ball—Clutch	82A	92279	Screw—Cap, Hex. Hd.—5/16-24 x 1-1/2"
		93028 Washer—Lock—Shakeproof No. 1114-00 Used on Model 80400 Series type Nos. 0255, 0385, 943046, 943121, 943127, 943139, 943182, 943190, 943275, 943365, 943403, 953079; Also used on Model 81400 Series type Nos. 943687, 943788, 943843, 943917, 943918.	70	298436	Ratchet—Rewind and Wind-up Starter Used after Serial No. 6405220.	83	211293	Shaft Assembly—Drive Order—Shaft Assembly—Drive Used on Model 80300 Series type Nos. 0464, 0472, 943049, 943206; Also those used on Model 81300 Series type Nos. 0163, 0185, 0222, 0237, 0260, 943555, 943576, 943647, 943649, 943759, 943858, 943860, 943877, 943882, 943952, 943963—from the equipment manufacturer.
				Note:	296597 Ratchet—Rewind and Wind-up Starter Used before Serial No. 6405250.	84	92617	Plug—Breather
56	298738	Pulley—Rewind Starter Used after Serial No. 6506301.	71	221653	Washer—Clutch Retainer Used after Serial No. 6405220.	85	92747	Screw—Gear Case Mounting Sem
	Note:	294088 Pulley—Rewind Starter Used before Serial No. 6507011.		Note:	221301 Washer—Retainer Used before Serial No. 6405250 with square shank ratchet.	86	291730	Cover Assembly—Gear Case
57	294303	Spring—Rewind Starter	72	26032	Spring—Clutch Retainer Used before Serial No. 6405250.		Note:	Order—Cover Assembly—Gear Case Used on Model 80300, 80400 Series type Nos. 0282, 0428, 0464, 0472, 943049, 943206; Also those used on Model 81300 Series type Nos. 0163, 0185, 0222, 0237, 0260, 943555, 943576, 943647, 943649, 943759, 943860, 943877, 943882, 943952, 943963—from the equipment manufacturer.
58	66694	Rope—Starter—47-1/8" long Used after Serial No. 6506301.	73	221661	Screen—Rotating Used after Serial No. 6405220.	87	19011	Seal—Oil
				Note:	220648 Screen—Rotating Used before Serial No. 6405250.	88	27313	Gasket—Gear Case Cover

* Included in Gasket Set — Part No. 297275.

† Included in Carburetor Overhaul Kit — Part No. 291691.

* Included in Gasket Set — Part No. 297275.

† Included in Carburetor Overhaul Kit — Part No. 291691.

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REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
89	93448	Plug—Oil Drain, 1/4" Pipe Thread (Used after Serial No. 6304170) Note: 92015 Plug—Oil Drain, 1/8" Pipe Thread (Used before Serial No. 6304180) 92961 Elbow Street, 1/8, 90° Used on type No. 943569.			943939, 943969, 943999. 295708 Carburetor Assy. (Fuel Pump) Used on type No. 943166. 295965 Carburetor Assy. (Choke-A-Matic) Used on Model 80300 Series type Nos. 0301, 0336, 953058; Also used on Model 81300 Series type Nos. 0243, 0298, 943600, 943702, 943966. 295967 Carburetor Assy. (Choke-A-Matic) Used on Model 80300 Series type Nos. 0220, 0345, 0398, 0404, 0432, 943470, 943495, 953074, 953083; Also used on Model 81300 Series type Nos. 0195, 0231, 0296, 943602, 943603, 943604, 943605, 943616, 943661, 943878, 943948, 943962, 943979, 943988. 296730 Carburetor Assy. (Manual Choke) Used on type No. 943780. 297167 Carburetor Assy. (Manual Choke) Used on Model 80300 Series type Nos. 0155, 953005, 953027; Also used on Model 81300 Series type Nos. 943891, 943909, 943922.			295610 Carburetor Assy. (Fuel Pump) Used on Model 80400 Series type Nos. 943086, 943116, 943209, 943227; Also used on Model 81400 Series type Nos. 943581, 943588, 943764, 943793, 943811. 295614 Carburetor Assy. (L. P. Gas) Used on Model 80400 Series type Nos. 0072, 0241, 0268, 0339, 0358, 0392, 0434, 0453, 0520, 943114, 943260, 943425, 953113; Also used on Model 81400 Series type Nos. 943813, 943900, 943944. 295819 Carburetor Assy. (Automatic Choke— Fuel Pump) Used on Model 80400 Series type Nos. 943190, 943275, 943365, 943403.
90	295607	Carburetor Assembly (Standard) (Manual Choke) Note: This group of Carbu- retors including No. 295607 is used on Model 80300, 81300 Series engines. 295555 Carburetor Assy. (Remote Choke) Used on Model 80300 Series type Nos. 0365, 0378, 0519, 953002; Also used on Model 81300 Series type Nos. 0197, 943548, 943550, 943579, 943580. 295560 Carburetor Assy. (Kerosene) Used on Model 80300 Series type Nos. 0196, 0205, 0218, 0231, 0246, 0261, 0263, 0275, 0289, 0366, 0436, 0460, 0487, 0525, 0534, 943105, 943136, 943149, 943164, 943195, 943204, 943213, 943217, 943255, 943314, 943328, 943348, 943349, 943371, 943392, 943393, 943406, 943412, 943437, 943444, 953019, 953024, 953046, 953053; Also used on Model 81300 Series type Nos. 0150, 0152, 0188, 0238, 0317, 0326, 0327, 943598, 943621, 943632, 943637, 943889, 943899, 943911, 943912, 943968, 943994, 943997, 953507. 295615 Carburetor Assy. (L. P. Gas) Used on Model 80300 Series type Nos. 0322, 0325, 0466, 943115, 943119, 943233, 943261, 943296, 943490, 943493, 943394; Also used on Model 81300 Series type Nos. 0202, 0253, 0262, 943686, 943691, 943735, 943790, 943806, 943829, 943859,	295609			91	295608	Housing Assembly— Throttle Used on Model 80300, 81300 Series engines. Note: 295531 Housing Assy.— Throttle Used on Model 80400, 81400 Series engines. 295875 Housing Assy.— Throttle Used on Model 80300 Series type Nos. 0220, 0301, 0336, 0345, 0398, 0404, 0432, 943470, 943495, 953058, 953074, 953083; Also used on Model 81300 Series type Nos. 0243, 0298, 943600, 943602, 943603, 943604, 943605, 943616, 943661, 943702, 943780, 943878, 943948, 943962, 943966, 943979, 943988.
						92	99634	Body—Upper Carburetor
						93	23230	Bushing—Throttle Shaft
						94	†292681	Valve Assembly— Carburetor Idle
						95	93038	Screw—Throttle Valve Mounting Sem
						96	22036	Valve—Throttle

† Included in Carburetor Overhaul Kit—
Part No. 291691.

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REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
		0365, 0378, 0383, 0519, 953002; Also used on Model 81300 Series type Nos. 0197, 943548, 943550, 943579, 943580. 260396 Spring—Choke Return Used on Model 80300 Series type Nos. 0220, 0301, 0336, 0345, 0398, 0404, 0432, 943470, 943495, 953058, 953074, 953083; Also used on Model 81300 Series type Nos. 0195, 0231, 0243, 0296, 0298, 943600, 943602, 943603, 943604, 943605, 943616, 943661, 943702, 943878, 943948, 943962, 943966, 943979, 943988.	132	61967 Note:	Stop—Throttle Lever 295804 Stop—Throttle Lever Used on Model 80300 Series type Nos. 0220, 0301, 0336, 0345, 0398, 0404, 0432, 943470, 943495, 953058, 953074, 953083; Also used on Model 81300 Series type Nos. 0195, 0231, 0243, 0296, 0298, 943600, 943602, 943603, 943604, 943605, 943616, 943661, 943702, 943780, 943878, 943948, 943962, 943966, 943979, 943988.			230361 Stud—Air Cleaner Used on Model 80300 Series type No. 943233; Also used on Model 81300 Series type No. 943686. 230519 Stud—Air Cleaner Used on type No. 943666.
112	23270	Screw—Choke Lever	133	293477	Float—Carburetor	169	90832	Washer—Lock—1/4 x 3/32 x 5/64"
113	23222	Nozzle—Carburetor	134	293478	Valve and Seat—Fuel Inlet	171	92129	Nut—Hex. —1/4-28
114	68887	Packing—Needle Valve	135	68877	Gasket—Fuel Inlet Valve Seat	172	27795	Gasket—Air Cleaner
117	23227	Nut—Needle Valve Packing	157	27840	Gasket—Venturi	173	99395	Arrestor—Flame
118	230005 Note:	Valve—Needle Valve—Needle Used on Model 80300 , 80400 Series type Nos. 0196, 0205, 0218, 0231, 0246, 0261, 0262, 0263, 0275, 0289, 0366, 0436, 0460, 0487, 0525, 0534, 943102, 943105, 943136, 943149, 943164, 943181, 943195, 943204, 943213, 943217, 943255, 943314, 943328, 943348, 943349, 943371, 943392, 943393, 943406, 943412, 943437, 943444, 943492, 953019, 953024, 953046, 953053; Also used on Model 81300 , 81400 Series type Nos. 0150, 0152, 0188, 0238, 0305, 0317, 0326, 0327, 943598, 943621, 943632, 943637, 943660, 943889, 943899, 943911, 943912, 943968, 943994, 953507.	158	27590	Filter—Carburetor Drain	174	27423	Gasket—Flame Arrestor Mounting
			159	220521	Retainer—Carburetor Drain Filter	175	23215	Spacer—Flame Arrestor
			160	294868 Note:	Cleaner Assembly—Air (with mounting stud) 294870 Cleaner Assy.—Air (with mounting stud) Used on type No. 943153. 296098 Cleaner—Air Used on Model 80300 Series type No. 943233; Also used on Model 81300 Series type No. 943686.	176	27603	Gasket—Air Cleaner Elbow
			161	293991	Bowl—Air Cleaner	180	292945 Note:	Tank Assy.—Fuel (3 Qt.) Fuel tanks for the type numbers below are supplied by the equipment manufacturer: Model 80300 , 80400 Series type Nos. 0241, 0268, 0325, 943115, 943119, 943223, 943261, 943296, 943490, 943493, 943494, 953113; Also those used on Model 81300 , 81400 Series type Nos. 0202, 943686, 943691, 943735, 943790, 943806, 943813, 943829, 943859, 943900, 943939, 943944, 943969, 943999. 290816 Tank Assembly—Fuel (4 Qt.) Used on Model 80300 Series type Nos. 0158, 0522, 943117, 943142, 943477; Also used on Model 81300 Series type No. 943760. Mounting parts for this tank used on type Nos. 0158, 943117, 943142, 943477 are furnished by the equipment manufacturer. On type No. 943760 use: 291367 Strap Assembly—Tank. 291420 Tank Assembly—Fuel (4 Qt. round) Used on type Nos. 943550, 943580. Mounting parts for No. 291420 tanks are supplied by the equipment manufacturer. 291488 Tank Assembly—Fuel (6 Qt.) Used on type No. 943118.
			162	294863 Note:	Cover and Filter—Air Cleaner (with mounting stud) 294861 Cover and Filter—Air Cleaner (with mounting stud) Used on type No. 943153.			
			163	*27660	Gasket—Air Cleaner Mounting			
			164	210534	Elbow—Air Cleaner			
			165	92067	Nut—Wing			
			166	230238 Note:	Stud—Air Cleaner 63949 Stud—Air Cleaner Used on Model 80300 Series type Nos. 0220, 0398, 0432, 953083; Also used on Model 81300 Series type No. 943979.			
119	93347	Screw—Throttle Housing, and Fuel Pump Body Mounting Sem			230058 Stud—Air Cleaner Used on Model 80300 Series type Nos. 0155, 953027; Also used on Model 81300 Series type Nos. 943780, 943922.			
120	92290	Washer—Lock—No. 10 x 1/16 x 3/64"						
121	291691	Carburetor Overhaul Kit						
127	220352	Plug—Welch						
128	210811	Venturi—Carburetor						

* Included in Gasket Set — Part No. 297275.

† Included in Carburetor Overhaul Kit — Part No. 291691.

REF. PART NO. NO.	DESCRIPTION	REF. PART NO. NO.	DESCRIPTION	REF. PART NO. NO.	DESCRIPTION
	Uses: 22813 Bracket—Tank 22907 Support—Tank 291490 Strap Assy.—Tank 90970 Nut—Square 1/4-20 91257 Screw—Machine, Fill. Hd.—1/4-20 x 1 1/2"		943740, 943753, 943762, 943766, 943767, 943780, 943786, 943799, 943800, 943842, 943845, 943857, 943880, 943888, 943922, 943936, 943942, 943973, 943974, 943976, 953506, 953509, 953512.		69500 Pipe—Fuel Used on type No. 943537.
	292944 Tank Assembly—Fuel (2 Qt.) Used on Model 80300 , 80400 Series type Nos. 0011, 0148, 0152, 0155, 0156, 0165, 0166, 0188, 0190, 0204, 0233, 0249, 0250, 0258, 0262, 0336, 0345, 0351, 0355, 0357, 0364, 0393, 0395, 0399, 0411, 0421, 0435, 0462, 0471, 0474, 0475, 0487, 0488, 0492, 0494, 0497, 0507, 0516, 0537, 0540, 0545, 943043, 943058, 943077, 943088, 943097, 943128, 943153, 943165, 943166, 943187, 943199, 943200, 943202, 943238, 943239, 943253, 943265, 943268, 943273, 943291, 943292, 943312, 943317, 943319, 943320, 943321, 943335, 943340, 943343, 943358, 943372, 943389, 943397, 943402, 943415, 943498, 953003, 953004, 953018, 953027, 953033, 953050, 953055, 953085, 953086, 953091; Also used on Model 81300 , 81400 Series type Nos. 0157, 0158, 0159, 0160, 0161, 0162, 0165, 0168, 0180, 0181, 0212, 0218, 0224, 0228, 0230, 0231, 0232, 0243, 0251, 0252, 0275, 0281, 0284, 0286, 0295, 0313, 0317, 0328, 0329, 943527, 943541, 943549, 943557, 943559, 943563, 943571, 943575, 943587, 943589, 943602, 943603, 943604, 943605, 943608, 943609, 943610, 943614, 943618, 943633, 943639, 943643, 943666, 943677, 943681, 943696, 943697, 943699, 943700, 943703, 943704, 943705, 943706, 943721, 943724, 943725, 943728, 943732,	181 69221 Note: Cap—Fuel Tank 69961 Cap—Fuel Tank Used on Model 80300 Series type Nos. 943117, 943118, 943142; Also used on Model 81300 Series type Nos. 943550, 943580. 297866 Cap—Fuel Tank Used on Model 80300 Series type Nos. 0155, 0330, 0357, 0364, 0376, 943467, 953027, 953092; Also used on Model 81300 Series type Nos. 0311, 943984.		291128 Pipe—Fuel—13 1/4" long Used on type No. 943051. 294184 Pipe—Fuel—14 1/2" long Used on type Nos. 943117, 943142, 943477. 294323 Pipe—Fuel Used on Model 80300 , 80400 Series type Nos. 0206, 0267, 0270, 0280, 0291, 0305, 0331, 0360, 0426, 0432, 0476, 0489, 0515, 0526, 943035, 943039, 943040, 943052, 943109, 943135, 943138, 943224, 943285, 943287, 943295, 943308, 943310, 943342, 943390, 943432, 943486, 953040, 953056, 953081; Also used on Model 81300 , 81400 Series type Nos. 0179, 0203, 0235, 0241, 0266, 0289, 0306, 0308, 0309, 943542, 943549, 943573, 943601, 943641, 943642, 943726, 943765, 943777, 943822, 943838, 943893, 943915. 294393 Pipe—Fuel Used on Model 80300 , 80400 Series type Nos. 0345, 943058, 943165, 943292, 943317, 943415; Also used on Model 81300 , 81400 Series type Nos. 0231, 0232, 943603, 943605, 943684, 943690, 943709, 943711, 943724, 943725, 943845, 943942. 294442 Pipe—Fuel Used on Model 80300 Series type Nos. 943091, 943279; Also used on Model 81300 Series type Nos. 943533, 943567, 943569. 294530 Pipe—Fuel (short) 294531 Pipe—Fuel (long) 292486 Wing Plug, Chain and Clip Assembly 99511 Tee (Imperial Brass Co. No. 72-F) 92713 Coupling The above fuel pipes and fittings are used on Model 80300 , 80400 Series type Nos. 0289,	
		182 220195 Note: Bracket—Fuel Tank 220498 Bracket—Fuel Tank Used on Model 80300 Series type Nos. 0357, 0364, 0507. 221012 Bracket—Fuel Tank Uses: 91419 Screw—Cap, Hex. Hd.—1/4-20 x 5/8" 90832 Washer—Lock To mount Bracket to Gear Case. Used on Model 80300 Series type No. 943106; Also used on Model 81300 Series type Nos. 943630, 943718.			
		186 66111 Connector—Fuel Pipe (Imperial Brass Co. No. 69-F)			
		187 293672 Note: Pipe—Fuel Fuel pipes for the type numbers below are supplied by the equipment manufacturers: Model 80300 , 80400 Series type Nos. 0241, 0268, 943115, 943119, 943223, 943261, 943296, 943490, 943493, 943494, 953113; Also used on Model 81300 , 81400 Series type Nos. 0202, 943686, 943691, 943735, 943790, 943806, 943813, 943829, 943859, 943900, 943939, 943944, 943969, 943999.			

80300 To 80497

81300 To 81497

REF. PART NO.	DESCRIPTION	REF. PART NO.	DESCRIPTION	REF. PART NO.	DESCRIPTION
	0366, 0436, 0460, 0487, 0525, 0534, 943102, 943105, 943136, 943164, 943181, 943195, 943204, 943213, 943217, 943255, 943314, 943328, 943348, 943349, 943371, 943392, 943393, 943406, 943412, 943437, 943444, 943492, 953019, 953024, 953046, 953053; Also used on Model 81300, 81400 Series type Nos. 0150, 0152, 0188, 0238, 0305, 0317, 0326, 0327, 943598, 943621, 943632, 943637, 943660, 943889, 943899, 943911, 943912, 943968, 943994, 943997, 953507. 294530 Pipe—Fuel (short) 294951 Pipe—Fuel (long) 292486 Wing Plug, Chain and Clip Assembly 99511 Tee (Imperial Brass Co. No. 72-F) 92713 Coupling The above fuel pipes and fittings are used on Model 80300, 80400 Series type Nos. 0196, 0205, 0218, 0231, 0246, 0261, 0263, 0275, 943149. 294553 Pipe—Fuel Used on Model 80300, 80400 Series type Nos. 0385, 943121, 943127, 943139, 943182, 953079; Also used on Model 81400 Series type Nos. 943687, 943843. 294604 Pipe—Fuel Used on Model 80300, 80400 Series type Nos. 0210, 0213, 0381, 0382, 0414, 0415, 0416, 0438, 0484, 0510, 0535, 0536, 0543, 0553, 943090, 943124, 943125, 943251, 943266; Also used on Model 81300, 81400 Series type Nos. 0186, 0207, 0208, 0209, 0263, 0292, 0293, 0300, 0321, 0325, 0331, 943606, 943679, 943682, 943683, 943710, 943713, 943714, 943717, 943850, 943851, 943869, 943871, 943896, 943978.		294725 Pipe—Fuel Used on Model 80300, 80400 Series type Nos. 0051, 943086, 943166, 943209, 943365, 943483; Also used on Model 81300, 81400 Series type Nos. 943588, 943764, 943918, 943940. 294754 Pipe—Fuel Used on type Nos. 943190, 943403. 294901 Pipe—Fuel Used on Model 80300, 80400 Series type No. 943041; Also used on Model 81300, 81400 Series type Nos. 0271, 943693, 943792, 943885. 299942 Pipe—Fuel (Flexible) Uses: 93053 Clamp (2) Used on Model 80300, 80400 Series type Nos. 0015, 0016, 0024, 0025, 0027, 0035, 0036, 0037, 0038, 0061, 0070, 0180, 0212, 0324, 0354, 0449, 0468, 0514, 0532, 0552, 943033, 943046, 943047, 943106, 943134, 943161, 943216, 943242, 943271, 943272, 943280, 943499, 953020, 953029, 953030, 953044, 953080, 953082, 953087; Also used on Model 81300, 81400 Series type Nos. 0211, 943523, 943554, 943607, 943612, 943630, 943655, 943718, 943739, 943756, 943779, 943788, 943815, 943849, 943883, 943890, 943950, 943980. 295422 Pipe—Fuel Used on Model 80300, 80400 Series type Nos. 0072, 0241, 0268, 0322, 0325, 0339, 0358, 0392, 0453, 0466, 943114, 943260, 943425, 953113; Also used on Model 81300, 81400 Series type Nos. 0253, 0262, 943813, 943944. 297443 Pipe—Fuel Used on type No. 943931. 189 90366 Washer—Lock—5/16 x 1/8 x 1/16'' 195 91635 Connector—Fuel Filter 196 220369 Support—Fuel Tank Note: 220358 Support—Fuel Tank		Used on Model 80300, 80400 Series type Nos. 0011, 0148, 0152, 0155, 0165, 0166, 0188, 0190, 0204, 0233, 0249, 0250, 0258, 0262, 0336, 0351, 0355, 0393, 0395, 0399, 0411, 0421, 0435, 0462, 0471, 0474, 0475, 0487, 0488, 0492, 0494, 0497, 0516, 0537, 0540, 0545, 943043, 943077, 943088, 943097, 943128, 943153, 943199, 943200, 943202, 943238, 943239, 943265, 943268, 943273, 943291, 943312, 943319, 943320, 943321, 943335, 943340, 943343, 943358, 943372, 943389, 943397, 943402, 943498, 953003, 953018, 953023, 953027, 953033, 953050, 953055, 953085, 953086, 953091; Also used on Model 81300, 81400 Series type Nos. 0157, 0158, 0159, 0160, 0161, 0162, 0165, 0168, 0180, 0181, 0212, 0218, 0224, 0228, 0230, 0243, 0251, 0252, 0275, 0281, 0284, 0286, 0295, 0313, 0317, 0328, 0329, 943527, 943541, 943557, 943559, 943571, 943575, 943587, 943589, 943602, 943604, 943608, 943609, 943610, 943614, 943618, 943633, 943639, 943643, 943666, 943677, 943681, 943696, 943697, 943699, 943700, 943703, 943704, 943705, 943706, 943721, 943728, 943732, 943740, 943753, 943762, 943766, 943767, 943780, 943786, 943799, 943800, 943842, 943857, 943880, 943888, 943922, 943936, 943973, 943974, 943976, 953506, 953509, 953512. 220607 Support—Fuel Tank Used on Model 80300, 80400 Series type Nos. 0206, 0267, 0270, 0280, 0291, 0305, 0331, 0360, 0426, 0433, 0476, 0489, 0515, 0526, 0532, 943035, 943039, 943040, 943041, 943046, 943047, 943052, 943109, 943135, 943138, 943149, 943224, 943285, 943287, 943295, 943308, 943310, 943342,

80300 To 80497 81300 To 81497

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
		943390, 943432, 943486, 953040, 953056, 953081; Also used on Model 81300, 81400 Series type Nos. 0179, 0203, 0211, 0235, 0241, 0266, 0271, 0289, 0306, 0308, 0309, 943542, 943549, 943573, 943601, 943641, 943642, 943693, 943726, 943739, 943765, 943777, 943788, 943792, 943822, 943838, 943885, 943893, 943915. 220610 Support—Fuel Tank Uses: 220863 Washer Between support and cylinder head on (3) bosses. Used on Model 80300 Series type No. 943106; Also used on Model 81300 Series type Nos. 943630, 943718. 220755 Support—Fuel Tank Used on Model 80300, 80400 Series type Nos. 0345, 943058, 943091, 943165, 943249, 943279, 943292, 943317, 943415; Also used on Model 81300, 81400 Series type Nos. 0231, 0232, 943553, 943567, 943569, 943603, 943605, 943684, 943690, 943709, 943711, 943724, 943725, 943845, 943931, 943942.			Also used on Model 81300, 81400 Series type Nos. 0211, 943523, 943554, 943607, 943612, 943655, 943739, 943756, 943779, 943788, 943815, 943849, 943883, 943890, 943950, 943980. Blade—Governor Used on Model 80300, 81300 Series engines on and after Serial No. 6212310, except type No. 943999 on which Part No. 294617 is used. Note: 221456 Guide—Air Used on Model 80400, 81400 Series on and after Serial No. 6212310, except type Nos. 943900, 953064, 953079 which use Part No. 220692. Blade—Governor Used on Model 80300, 81300 Series engines before Serial No. 6212310 and on all type No. 943999 engines. Note: 220692 Guide—Air Used before Serial No. 6212310 on Model 80400, 81400 Series engines and on all Model 80400 Series type Nos. 953064, 953079; Also used on Model 81400 Series type No. 943900. Link—Governor Note: 260076 Link—Governor Used on Model 80400, 81400 Series. Bushing—Gov. Lever Nut—Control Rod Spring—Control Rod Rod—Control Note: 230323 Rod—Control Used on Model 80400, 81400 Series. 230367 Rod—Control (Mechanical Governor—Automatic Choke) Used on Model 80400 Series type Nos. 943046, 943121, 943127, 943139, 943182, 943190, 943275, 943365, 943403, 953079; Also used on Model 81400 Series type Nos. 943687, 943788, 943843, 943917, 943918. Spring—Governor Used on Model 80300, 81300 Series.			Note: 260546 Spring—Mech. Governor Used on Model 80400, 81400 Series. 260413 Spring—Governor Used on Model 80300 Series type Nos. 0220, 0301, 0336, 0345, 0398, 0404, 0432, 943470, 943495, 953058, 953074, 953083; Also used on Model 81300 Series type Nos. 0195, 0231, 0243, 0296, 0298, 943600, 943602, 943603, 943604, 943605, 943616, 943661, 943702, 943780, 943878, 943948, 943962, 943966, 943979, 943988. 219 296688 Governor Housing and Gear Assembly 220 221361 Washer—Thrust (.030" Thick) Note: 220673 Washer—Thrust (1/16" Thick) Used on earlier model engines. 221 230177 Cup—Governor 222 220691 Bracket—Mech. Governor Note: 294476 Bracket and Baffle—Mech. Governor Used on Model 80400 Series type Nos. 0243, 0255, 0315, 0385, 943045, 943046, 943121, 943127, 943139, 943182, 943190, 943236, 943275, 943301, 943341, 943365, 943394, 943403, 943481, 953001, 953007, 953079; Also used on Model 81400 Series type Nos. 0211, 0213, 0248, 943687, 943707, 943739, 943788, 943819, 943843, 943917, 943918, 943919, 943944. 223 220690 Lever—Mech. Governor 224 93067 Screw—Governor Lever Mounting Sem 225 230181 Shaft—Governor Lever 226 220381 Follower—Governor Crank 227 294077 Lever Assy.—Governor 228 93100 Screw—Gov. Lever Mtg. 229 220680 Washer—Thrust 230 22826 Washer—Spacer 231 93064 Screw—Sem 232 260178 Spring—Governor Link 233 230253 Stop—Control Rod 234 220730 Clip—Control Rod 240 89346 Filter Assembly—Fuel 241 89347 Cover Assy.—Fuel Filter 242 295913 Lever—Fuel Shut Off 243 22547 Screen—Fuel Filter
197	93083	Screw—Tank Mtg. Sem	200	297309	Blade—Governor			
198	293934	Valve Assembly—Fuel Shut Off Note: 292370 Valve—Fuel Shut Off Used on type Nos. 943190, 943918.						
199	292797	Outlet—Fuel Tank (includes strainer) Note: 295896 Outlet—Fuel Tank (includes strainer) Used on Model 80300, 80400 Series type Nos. 0015, 0016, 0024, 0025, 0027, 0035, 0036, 0037, 0038, 0061, 0070, 0186, 0207, 0245, 0272, 0309, 0324, 0354, 0449, 0468, 0532, 0552, 943033, 943046, 943047, 943134, 943161, 943216, 943242, 943271, 943272, 943280, 943499, 953020, 953029, 953030, 953044, 953080, 953082;	200A	294617	Blade—Governor Used on Model 80300, 81300 Series engines before Serial No. 6212310 and on all type No. 943999 engines. Note: 220692 Guide—Air Used before Serial No. 6212310 on Model 80400, 81400 Series engines and on all Model 80400 Series type Nos. 953064, 953079; Also used on Model 81400 Series type No. 943900. Link—Governor Note: 260076 Link—Governor Used on Model 80400, 81400 Series. Bushing—Gov. Lever Nut—Control Rod Spring—Control Rod Rod—Control Note: 230323 Rod—Control Used on Model 80400, 81400 Series. 230367 Rod—Control (Mechanical Governor—Automatic Choke) Used on Model 80400 Series type Nos. 943046, 943121, 943127, 943139, 943182, 943190, 943275, 943365, 943403, 953079; Also used on Model 81400 Series type Nos. 943687, 943788, 943843, 943917, 943918. Spring—Governor Used on Model 80300, 81300 Series.			
			201	26235	Link—Governor			
					Note: 260076 Link—Governor Used on Model 80400, 81400 Series.			
			204	23688	Bushing—Gov. Lever			
			206	230149	Nut—Control Rod			
			207	26855	Spring—Control Rod			
			208	230194	Rod—Control Note: 230323 Rod—Control Used on Model 80400, 81400 Series.			
					230367 Rod—Control (Mechanical Governor—Automatic Choke) Used on Model 80400 Series type Nos. 943046, 943121, 943127, 943139, 943182, 943190, 943275, 943365, 943403, 953079; Also used on Model 81400 Series type Nos. 943687, 943788, 943843, 943917, 943918.			
			209	26925	Spring—Governor Used on Model 80300, 81300 Series.			

80300 To 80497

81300 To 81497

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
244	92427	Connector—Fuel Pipe (for Metal Fuel Pipe)			90355 Nut Control	295	230365	Shaft—Thermostat
	Note:	67218 Connector—Flexible Fuel Pipe (at carburetor)			Used on type No. 943780.	296	291044	Lever Assy.—Thermostat
		230317 Connector—Flexible Fuel Pipe (at tank)	261	93105	Screw—Speed Control Housing Mounting Sem	297	91811	Locknut—Exhaust Elbow
		Used on Model 80400 type No. 0309;	262	93394	Screw—Speed Control Housing Mounting Sem	298	220859	Locknut—Muffler and Exhaust Elbow
		Also used on Model 81300 type No. 943891.	264	90355	Nut—Hex. 10-32	299	294441	Muffler—Exhaust
		93025 Connector—Fuel Pipe (at carburetor)	265	22372	Clamp—Casing	300	89966	Muffler—Exhaust
		Used on Model 80400 Series type No. 0443.	266	290062	Control—Throttle		Note:	89945 Muffler
		230317 Connector—Flexible Fuel Pipe (at tank)		Note:	290463 Control—Throttle			Used on Model 80300 ,
		230318 Connector—Flexible Fuel Pipe (at carburetor)			Used on Model 80300 Series type Nos. 0252,			80400 Series type Nos.
		Used on Model 80300 ,			0354, 0516, 943077,			0221, 0383, 0457,
		80400 Series type Nos. 0180, 0212, 0255, 0444,			943380;			943236, 953008, 953040,
		943106, 953087;			Also used on Model 81300			953044;
		Also used on Model 81300 ,			Series type Nos. 0162,			Also used on Model 81300 ,
		81400 Series type			0218, 943786.			81300 , 81400 Series type
		Nos. 943630, 943718.	267	90080	Screw—Machine, Rd. Hd.—10-32 x 7/16"			Nos. 943907, 943931,
		230318 Connector—Flexible Fuel Pipe (at carburetor and tank)	268	66986	Casing—Control Wire—48" long			943947, 943983.
		Used on Model 80300 ,		Note:	If a longer casing is			290910 Muffler—Exhaust
		80400 Series type Nos. 0015, 0016, 0024, 0025,			needed, specify length			Used on Model 81300
		0027, 0035, 0036, 0037,			in inches; if a shorter			Series type Nos. 0197,
		0038, 0061, 0070, 0164,			casing is needed order			0519, 943548, 943550,
		0186, 0207, 0245, 0272,			No. 66986 and cut to re-			943579, 943580.
		0324, 0354, 0390, 0449,			quired length.			292054 Muffler—Exhaust
		0468, 0514, 0532, 0552,	269	26099	Wire—Control—54" long			Used on Model 80300 ,
		943033, 943046, 943047,		Note:	If longer wire is needed,			80400 Series type Nos.
		943134, 943161, 943216,			specify length by inches;			0162, 0165, 0181, 0268,
		943242, 943250, 943271,			if shorter wire is needed			0293, 0320, 0334, 0374,
		943272, 943280, 943458,			order No. 26099 and cut			0392, 0501, 0549,
		943499, 953020, 953029,			to required length.			943031, 943114, 943115,
		953030, 953044, 953080,			26718 Wire—Control—			943133, 943143, 943144,
		953082;			84" long			943148, 943175, 943188,
		Also used on Model 81300 ,			Used on Model 80300			943216, 943264, 943271,
		81400 Series type			Series type No. 943310;			943368, 943381, 953023,
		Nos. 0211, 943523,			Also used on Model 81300			953038, 953049, 953052,
		943554, 943607, 943612,			Series type Nos.			953113;
		943655, 943739, 943756,			943548, 943549, 943550,			Also used on Model 81300 ,
		943779, 943788, 943815,			943551, 943552, 943623,			81300 , 81400 Series type
		943849, 943883, 943890,			943624, 943721, 943816,			Nos. 0165, 0202, 0228,
		943950, 943980.			943817.			0236, 0275, 0295,
245	68477	Gasket—Fuel Filter Bowl	270	63426	Locknut—Control Wire			943523, 943524,
246	298683	Bowl—Fuel Filter			Casing			943537, 943543,
247	99665	Yoke—Fuel Filter	271	290568	Lever Assy.—Control			943544, 943587, 943618,
258	93062	Screw—Sem	281	221090	Bracket—Top Speed			943631, 943677, 943735,
259	294502	Bracket—Control Wire			Control Mounting			943762, 943781, 943790,
		Casing	285	26687	Link—Choke			943806, 943813, 943829,
260	295756	Housing—Speed Control	286	294491	Thermostat Assembly			943934, 943944, 943951,
	Note:	296039 Housing—Speed	287	90050	Screw—Machine, Rd. Hd.—6-32 x 1/4"			943974, 943993, 953501.
		Uses: 93223 Screw—Stop	288	90362	Washer—Lock—No. 6 x 3/64 x 1/32"			293449 Muffler—Exhaust
			289	23886	Support—Therm. Shaft (Outer)			Used on Model 80300
			290	294492	Bracket and Tube—Thermostat			Series type No. 0390.
			291	26594	Thermostat			295905 Muffler—Exhaust
			292	23885	Support—Therm. Shaft (Inner)			Used on Model 80300 ,
			293	23884	Stop—Thermostat Shaft			80400 Series type Nos.
			294	92678	Screw—Set, Socket Head—6-32 x 5/16"			0015, 0016, 0024, 0025,
								0027, 0035, 0036, 0037,
								0038, 0049, 0061, 0070,
								0153, 0155, 0169, 0170,
								0186, 0224, 0329, 0393,
								0409, 0455, 0459, 0482,
								0492, 0497, 0498, 0513,
								0518, 0524, 0548, 0551,
								943025, 943292, 943340,
								943369, 943377, 953027,
								953103;

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
		Also used on Model 81300, 81400 Series type Nos. 0180, 0181, 0206, 0243, 943623, 943624, 943690, 943709, 943780, 943785, 943816, 943817, 943922, 943926. 297326 Muffler—Exhaust Uses: 296045 Clamp 230672 Pipe Used on Model 81300, 81400 Series type Nos. 943859, 943900, 943938, 943958, 943969, 943999, 953505.			80401, 80431, 81301, 81311, 81331, 81351, 81401, 81431 Series. 294282 Housing—Blower (For Rewind Starter) Used on Model 80300 Series type Nos. 943028, 943175, 953028. 294338 Housing—Blower (For Rewind Starter) Used on Model 80300, 80400 Series type Nos. 0015, 0016, 0024, 0035, 0037, 0038, 0049, 0155, 0159, 0161, 0166, 0171, 0208, 0233, 0271, 0309, 0311, 0336, 0355, 0374, 0395, 0421, 0432, 0438, 0439, 0444, 0457, 0462, 0474, 0480, 0481, 0484, 0488, 0496, 0501, 0507, 0514, 0517, 0522, 0523, 0531, 0537, 0543, 0548, 0549, 0553, 943129, 943166, 943188, 943321, 943337, 943343, 943422, 953005, 953027, 953031, 953040, 953048, 953050, 953054, 953085, 953101; Also used on Model 81300, 81400 Series type Nos. 0157, 0164, 0168, 0174, 0225, 0243, 0251, 0255, 0256, 0258, 0267, 0279, 0295, 0296, 0298, 0323, 0324, 943528, 943571, 943619, 943656, 943701, 943703, 943706, 943728, 943734, 943736, 943753, 943780, 943787, 943800, 943867, 943902, 943906, 943909, 943922, 943971, 943972, 943981, 943986, 953505. 294639 Housing—Blower (For Rewind Starter) Used on Model 80300, 80400 Series type Nos. 0243, 0315, 0385, 943046, 943365, 943481, 953001, 953007, 953079; Also used on Model 81300, 81400 Series type Nos. 0211, 0248, 943687, 943739, 943788, 943819, 943944. 295038 Housing—Blower (For Rewind Starter) Used on Model 80300 Series type Nos. 0365, 0378.			295060 Housing—Blower (For Rewind Starter) Used on Model 80300 Series type Nos. 0371, 943443. 295190 Blower Housing and Brackets (For Electric Starter) Used on Model 80303, 81303, 81353 Series. 295816 Housing—Blower (For Rewind Starter) Used on Model 80300, 80400 Series type Nos. 0178, 0293, 0340, 0346, 0347, 0454, 943357, 943428, 943438, 943465; Also used on Model 81300, 81400 Series type Nos. 943779, 943891, 943966. 296101 Housing—Blower (For Rewind Starter) Used on Model 80300 Series type Nos. 953025, 953096; Also used on Model 81300 Series type No. 943688. 296291 Housing—Blower (For Rope Starter) Used on Model 80300 Series type No. 943310; Also used on Model 81300 Series type No. 943721. 296792 Housing—Blower (For Wind-up Starter) Used on Model 80306, 80336, 80406, 81306, 81336, 81406, 81436 Series. 296894 Housing—Blower (For Rewind Starter) Used on Model 80300 Series type Nos. 0411, 0520, 0521; Also used on Model 81300, 81400 Series type Nos. 0300, 943978, 943982. 298459 Housing—Blower (For Rewind Starter) Used on Model 80400 Series type No. 0255.
303	91838	Elbow—Exhaust (45° Street) Note: 91943 Elbow—Exhaust (90° Street) Used on Model 80300, 80400 Series type Nos. 0072, 0180, 0209, 0212, 0252, 0264, 0267, 0305, 0317, 0324, 0365, 0376, 0378, 0390, 0434, 0453, 0463, 0468, 0469, 0480, 0520, 0533, 0541, 943051, 943106, 943158, 943233, 943236, 943242, 943274, 943322, 943332, 943380, 943388, 943390, 943424, 943431, 943432, 943470, 953021, 953036, 953080, 953087, 953115; Also used on Model 81300, 81400 Series type Nos. 0258, 0264, 0303, 943537, 943551, 943552, 943564, 943623, 943630, 943655, 943686, 943718, 943782, 943818, 943859, 943861, 943883, 943900, 943931, 943947, 943948, 943958, 943962, 943983, 943999, 953505.						295060 Housing—Blower (For Rewind Starter) Used on Model 80300 Series type Nos. 0371, 943443. 295190 Blower Housing and Brackets (For Electric Starter) Used on Model 80303, 81303, 81353 Series. 295816 Housing—Blower (For Rewind Starter) Used on Model 80300, 80400 Series type Nos. 0178, 0293, 0340, 0346, 0347, 0454, 943357, 943428, 943438, 943465; Also used on Model 81300, 81400 Series type Nos. 943779, 943891, 943966. 296101 Housing—Blower (For Rewind Starter) Used on Model 80300 Series type Nos. 953025, 953096; Also used on Model 81300 Series type No. 943688. 296291 Housing—Blower (For Rope Starter) Used on Model 80300 Series type No. 943310; Also used on Model 81300 Series type No. 943721. 296792 Housing—Blower (For Wind-up Starter) Used on Model 80306, 80336, 80406, 81306, 81336, 81406, 81436 Series. 296894 Housing—Blower (For Rewind Starter) Used on Model 80300 Series type Nos. 0411, 0520, 0521; Also used on Model 81300, 81400 Series type Nos. 0300, 943978, 943982. 298459 Housing—Blower (For Rewind Starter) Used on Model 80400 Series type No. 0255.
04	294260	Housing—Blower (For Rewind Starter) Note: 220870 Housing—Blower (For Rope Starter) Used on Model 80300, 80400 Series type Nos. 0060, 943045, 943121, 943127, 943139, 943182, 943190, 943236, 943275, 943301, 943341, 943394, 943403; Also used on Model 81300, 81400 Series type Nos. 0213, 943707, 943843, 943917, 943918, 943919. 294263 Housing—Blower (For Rope Starter) Used on Model 80301, 80311, 80331, 80351,						
						305	93158	Screw—Blower Housing Mounting Note: 92666 Screw—Cap 92778 Washer—Lock Used on Model 80300, 80400 Series type Nos. 0317, 0344, 0383, 0390 0396, 0400, 953064, 953079.

80300 To 80497
81300 To 81497

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
306	220478	Shield—Cylinder		221146	Pulley—Rope			92704 Terminal—
307	93042	Screw—Cylinder Shield			Starter (5/8" hole)			Spark Plug
		Mounting Sem			Used on Model 80300			295179 Shielding—
308	220581	Cover—Cylinder Head			Series type Nos. 0492,			Cable
	Note:	220354 Cover—Cyl. Head			0528; Also used on			Used on all type Nos.
		Used on Model 80300,			Model 81300, 81400			953064, 953079.
		80400 Series type Nos.			Series type Nos. 0273,			295915 Armature—
		0180, 0188, 0196, 0205,			943627.			Magneto
		0212, 0218, 0231, 0246,			292233 Pulley—Rope			Used on all type Nos.
		0261, 0263, 0275, 0289,			Starter (1/2" hole in			943900, 943999.
		0366, 0436, 0460, 0487,			Pulley)			
		0519, 0525, 0534,			Used on Model 80300	334	93381	Screw—Armature Mtg. Sem
		943102, 943105, 943136,			Series type No. 943310;	335	93381	Screw—Armature Mtg. Sem
		943149, 943164, 943181,			Also used on Model		Note:	92984 Screw—Coil Lead
		943195, 943204, 943212,			81300 Series type No.			and Armature Mtg. Sem
		943213, 943217, 943255,			943721.			Used on type Nos.
		943314, 943328, 943348,	328	221038	Guard—Belt			953064, 953079.
		943349, 943371, 943389,	329	93014	Screw—Belt Guard			
		943392, 943393, 943406,			Mounting Sem			
		943412, 943437, 943444,	330	294584	Rope—Starter			
		943492, 953019, 953024,		Note:	296512 Rope—Starter			
		953046, 953053, 953087;			Used on type No. 943373.			
		Also used on Model	331	62577	Washer—Flywheel			
		81300, 81400 Series type			(1/2" hole)			
		Nos. 0150, 0152, 0188,		Note:	For Flywheel Washer			
		0197, 0206, 0238, 0305,			with 5/8" hole - order			
		0317, 0326, 0327,			No. 220865.			
		943548, 943549, 943550,	332	91708	Nut—Flywheel			
		943551, 943552, 943579,			(1/2-20 left hand thread)			
		943580, 943598, 943621,		Note:	For Flywheel Nut with			
		943623, 943632, 943637,			5/8-18 right hand thread -			
		943660, 943718, 943889,			order No. 92284.			
		943899, 943900, 943911,	333	298502	Armature—Magneto			
		943912, 943968, 943994,			(Used on and after Serial			
		943997, 943999, 953507.			No. 6212310)			
				Note:	Armature for Model			
309	295188	Motor—Electric Starter			80432 Series type No.			
310	93239	Bolt—Case			0434; also for 81400			
311	295697	Brush—Starter Motor			Series type Nos. 0264,			
312	260404	Spring—Brush			0303, 0325, 0339, is			
321	210711	Pulley—Starter			furnished by the equip-			
		(Fits Crankshafts with			ment manufacturer -			
		1/2-20 Thread)			Morrison Pelsue Co.,			
	Note:	For 5/8-18 Thread			2001 S. Bannock St.,			
		Crankshafts, use Pulley			Denver, Colorado 80223 -			
		No. 210725.			their part No. 1E1110.			
323	67228	Belt—Vee			298274 Armature—			
	Note:	67038 Belt—Vee			Magneto			
		Used on engines before			Uses: 66298 Bushing—			
		Serial No. 5905040.			Spark Plug Term.			
324	220648	Screen—Electric Starter			92704 Terminal—			
		Pulley			Spark Plug			
25	293959	Pulley with Screen—			298445 Shielding—			
		Rope Starter			Cable			
		(1/2" hole in Pulley)			Used on Model 80400			
	Note:	For Rope Starter Pulley			Series type Nos. 0277,			
		with Screen with 5/8"			0344, 0383, 0390, 0396,			
		hole in Pulley - order			0400, 0443.			
		No. 298731.			Armature—Magneto			
		220547 Pulley—Rope	333A	291617	(Used before Serial No.			
		Starter (1/2" hole)			6212310)			
		Used on Model 81300			295680 Armature—Magneto			
		Series type No. 0275.			Uses: 66298 Bushing—			
					Spark Plug Term.			

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
337	298809	Plug—Spark (with Gasket) (1-1/2" High—38 M. M.) Note: Spark Plugs 298809, 29693, and 293918 use Ignition Cable Terminal No. 221798. 29693 Plug—Spark (with Gasket) (2" High—51 M. M.) 291954 Plug—Spark (with gasket) Used on Model 80400 Series type Nos. 0344, 0383, 0390, 0396, 0400, 953064, 953079. 293918 Plug—Spark (with gasket) Used on Model 80300, 80400 Series type Nos. 0036, 0070, 0071, 0072, 0167, 0182, 0222, 0225, 0235, 0241, 0243, 0254, 0314, 0318, 0339, 0379, 0385, 0410, 0427, 0453, 0455, 0456, 0465, 0466, 0469, 0509, 943052, 943067, 943089, 943111, 943114, 943115, 943119, 943120, 943127, 943181, 943182, 943183, 943184, 943198, 943229, 943232, 943233, 943237, 943238, 943239, 943260, 943261, 943403, 943408, 943425, 943429, 943441, 943480, 943483, 943484, 943485, 943496, 953001, 953006, 953007, 953047, 953076, 953095; Also used on Model 81300, 81400 Series type Nos. 0230, 0253, 0254, 0262, 0272, 0277, 943572, 943678, 943686, 943689, 943691, 943774, 943805, 943806, 943812, 943813, 943859, 943936, 943938, 943939, 943940, 943953, 943969.	293739	Switch—Stop Used on Model 80300, 80400 Series type Nos. 0155, 0158, 0219, 0284, 0285, 0330, 0342, 0343, 0357, 0364, 0418, 0421, 0455, 0456, 0463, 0468, 0469, 0479, 0480, 0522, 943256, 943303, 943396, 943471, 943477, 953027, 953075, 953092; Also used on Model 81300, 81400 Series type Nos. 0167, 0242, 0270, 943666, 943685, 943690, 943709, 943780, 943835, 943903, 943904, 943922, 943984.	375	294628	Breaker Points and Condenser Set Note: 299061 Ignition Kit Includes: 294628 Point Set 65704 Plunger 61760 Key—Flywheel	
			348	67118	Block—Stop Switch	378	†22032	Washer—Needle Valve Packing
			349	221077	Blade—Switch	379	22984	Cover—Fuel Pump Hole
			350	221078	Clamp—Switch Blade	380	62199	Washer—Plain
			351	93218	Screw—Stop Switch	381	93294	Screw—Sem
			352	66068	Washer—Insulating	382	93158	Screw—Sem
			353	92791	Washer—Lock—Shakeproof		Note:	92636 Screw—Cap, Hex. Hd. —1/4-20 x 2" 230352 Spacer Used on Model 80300, 80400 Series type Nos. 0206, 0267, 0270, 0280, 0291, 0305, 0331, 0360, 0426, 0433, 0476, 0489, 0515, 0526, 0532, 943035, 943039, 943040, 943041, 943046, 943052, 943109, 943135, 943138, 943224, 943285, 943287, 943295, 943308, 943310, 943342, 943390, 943432, 943486, 953040, 953056, 953081; Also used on Model 81300, 81400 Series type Nos. 0179, 0204, 0211, 0235, 0241, 0266, 0271, 0289, 0306, 0308, 0309, 943542, 943549, 943573, 943601, 943641, 943642, 943693, 943726, 943739, 943765, 943777, 943788, 943792, 943809, 943822, 943838, 943885, 943893, 943915.
			354	90576	Nut—Hex. —8-32	384	62899	Washer—Thermostat
			356	391115	Wire—Ground Note: 295413 Wire—Ground Used on Model 80300 Series type Nos. 0220, 0301, 0336, 0345, 0398, 0404, 0432, 943470, 943495, 953074, 953083; Also used on Model 81300 Series type Nos. 0195, 0231, 0243, 0296, 0298, 943600, 943602, 943603, 943604, 943605, 943616, 943661, 943702, 943878, 943948, 943962, 943966, 943988.	385	93110	Screw—Fuel Pump Hole Cover and Spacer Mtg.
			357	91539	Key—3/16" Square Note: 93065 Key—Woodruff No. 6 Used on Model 80300 Series type Nos. 0477, 943370, 943371.	386	27314	Gasket—Cover and Fuel Pump Mounting
			358	297275	Gasket Set	387	290465	Pump Assembly—Fuel
			362	291630	Shield—Spark (with stop switch)	388	22735	Lever—Fuel Pump
340	26018	Spring—Breaker Arm	363	19069	Puller—Flywheel (Optional Accessory)	389	23783	Pin—Fuel Pump Lever
341	93381	Screw—Breaker Arm Mounting Sem	364	295698	Plug—Connector	390	26587	Spring—Fuel Pump Lever
342	65704	Plunger—Breaker Point	365	93241	Screw—Plug Mtg. (long)	391	21695	Body—Fuel Pump
344	93042	Screw—Condenser Clamp Mounting Sem	366	93240	Screw—Plug Mtg. (short)	392	26588	Spring—Fuel Pump Diaphragm
345	220366	Cover—Breaker Point and Condenser	367	91183	Screw—Cap, Hex. Hd. —1/4-28 x 5/8"	393	22740	Screen—Fuel Pump Filter
346	93014	Screw—Dust Cover Mounting Sem	369	220705	Spring—Control Friction	394	290622	Diaphragm—Fuel Pump
347	221808	Switch—Stop Note: 220582 Switch—Stop Used on type No. 953004.	370	66432	Washer—Plain	395	290623	Valve—Fuel Pump
			371	260275	Restrictor—Belt	396	66204	Gasket—Fuel Pump Valve
			372	220477	Clamp—Condenser	397	21694	Head—Fuel Pump
			373	92987	Nut—Condenser Terminal	398	210533	Spacer—Fuel Pump Mtg.
			374	92813	Washer—Lock—Shakeproof No. 1210-06	399	27699	Gasket—Spacer
						400	230010	Wrench—Socket Screw

† Included in Carburetor Overhaul Kit — Part No. 291691.

80300 To 80497

81300 To 81497

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
401	21927	Spacer—Carburetor Elbow	521	297973	Shielding—Ignition Cable			Used on engines with
	Note:	Used only on engines			Used on and after Serial			vented breather and No.
		equipped with automatic			No. 6212310 on cables			296766 Air Cleaner.
		choke.			molded into the ignition			(Ref. No. 536)
455	296455	Cup, Hub and Spring			coil.	544	296769	Armature—Starter
		Assembly	523	69345	Cap—Oil Filler	545	296770	Case Assembly—
456	221222	Plate—Retainer		Note:	295940 Cap—Oil Filler			Long Shaft End
458	296305	Handle Assy.—Cranking			(with Dip Stick)	546	296775	Case Assembly—
459	221332	Pawl—Ratchet			Used on Model 80400			Short Shaft End
460	93272	Retainer—Ratchet Pawl			Series type Nos. 0434,	547	270025	Washer—Fiber
461	93231	Screw—Handle Mounting			0443, 0520,	548	221381	Washer—Thrust (Steel)
462	221237	Washer—Handle Mtg.			297357 Cap—Oil Filler	600	270003	Spacer—Air Cleaner Mtg.
463	296445	Holder Assy.—Flywheel			(with Dip Stick)	601	93053	Clip—Breather Tube (2)
464	93291	Rivet—Holder Assembly			Used on Model 80300,	602	27666	Gasket—Air Cleaner
		Mounting			80400 Series type Nos.			Used with vented
465	221226	Washer—Holder Assembly			0284, 0285.			breather.
		Mounting	524	65304	Gasket—Oil Filler Cap	603	294873	Cleaner Assembly—Air
466	93272	Retainer—Holder Control	525	91258	Nipple—Oil Filler			(with mounting stud)
		Knob	527	220754	Support—Breather Tube			Used with vented
467	211017	Knob—Control	528	230346	Tube—Breather			breather.
506	90200	Screw—Machine, Fil.	529	66578	Grommet—Breather Tube	604	294864	Cover and Filter—
		Hd.—8-32 x 1/2"	530	296304	Housing Assembly—Pawl			Air Cleaner
507	66895	Insulator—Terminal	531	230615	Ratchet—Top Starter			(with mounting stud)
	Note:	66935 Insulator—Term.	532	260500	Washer—Spring			Used with vented
		Used on Model 80400	533	67478	Knob—Stop			breather.
		Series type Nos. 953064,	534	93323	Screw—Air Cleaner	608	294259	Starter Assy.—Rewind
		953079.			(order separately)		Note:	For 110 Volt Electric
508	93294	Screw—Blower Housing	535	27987	Element—Air Cleaner			Starter Kit -- order
		Mounting Sem	536	296766	Cleaner Assembly—Air			No. 295325.
513	296567	Clutch Assembly—	537	27994	Gasket—Air Cleaner	635	66538	Elbow—Spark Plug
		Electric Starter		Note:	27666 Gasket—Air	682	211516	Shield—Starter Clutch
515	260537	Spring—Ratchet Pawl			Cleaner (Ref. No. 602)	822	296732	Starter Assy.—Wind-up
516	260374	Spring—Connector						